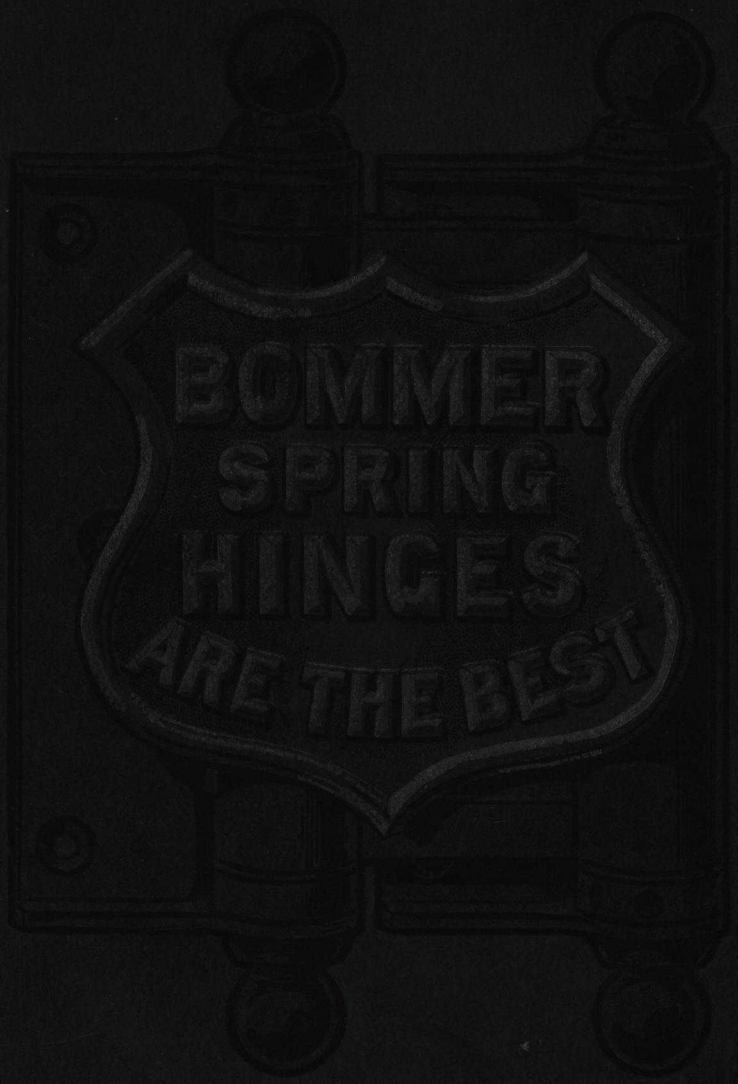

CATALOG № 47

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TRADE MARK BOMMER

BOMMER SPRING HINGES

TRADE MARK BOMMER

Reg. U.S. Pat. Off.

Index, Catalog No. 47

Reg. U.S. Pat. Off.

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REGARDING PRICES

Prices listed in this catalog apply only on goods as regularly manufactured; any changes desired are subject to special charges which will be quoted on application.

TERMS OF SALE

All goods are shipped at buyer's risk. No express or parcel post charges paid. No goods taken back or exchanged. Bills are payable in New York exchange. Terms 30 days, 2% discount for cash if paid in 10 days from date of invoice.

GUARANTY

Bommer Spring Hinges are guaranteed against faults in workmanship and imperfections in materials. We cannot, however, accept any responsibility for breakages occurring when a smaller size hinge than is suitable for the door is used; the directions at top of pages 5, 7, 9 and 11 indicate the size of door for which each size of hinge is intended.

BOMMER SPRING HINGE COMPANY, Brooklyn, N. Y., U. S. A.

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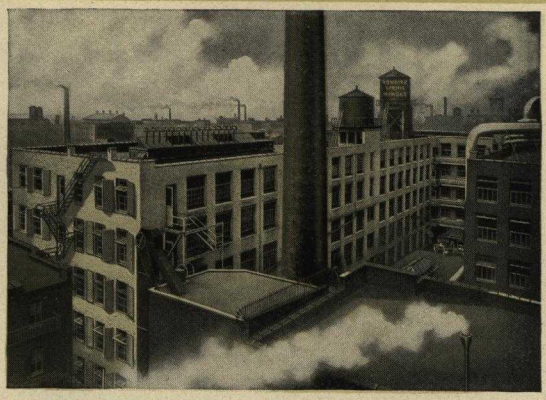
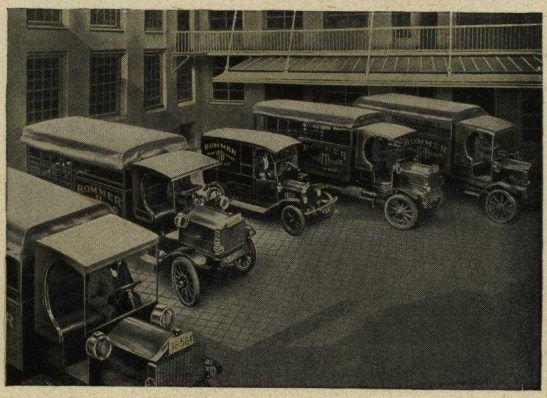
Bommer Spring Hinges
are the best

Highest Awards at International Expositions





Bommer Spring Hinge Company
Office and Works:
251-271 Classon Avenue, Brooklyn, N. Y., U. S. A.
Established in 1876

Catalog **No. 47**

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Trade BOMMER Mark

Established 1876

Bommer Spring Hinges

Are the Standard Goods in Their Line

EXPERIENCE has demonstrated that Bommer Spring Butt Hinges are the most useful and satisfactory spring hinges for general use. They permit the door to be opened all the way and to be fastened back to the wall if suitably hung.

The pintle and flange are interlocked, which prevents the ball-tips from working loose.

They are characterized by superb finish and great durability and will wear a lifetime if the proper size hinge is selected.

The carpenter saves time and avoids guesswork when hanging double-acting doors on Bommer Spring Hinges because the raised edges of the flanges serve to indicate the depth of the mortise and because they have a door-aligning mark on the upper and lower edges of each flange.

The flanges of Bommer Single Action Spring Butt Hinges are flush-faced, without projecting top and bottom edges, giving a neater finish to the mortise.

Bommer Spring Butt Hinges are made of wrought steel, bronze or brass in all finishes.

They have two different metals opposed at each bearing to reduce friction and will not permit the door to sag if hinges of adequate size, as pointed out on pages 5, 7, 9 and 11 are used. In Bommer Double Action Spring Butt Hinges the connecting plate of the barrels is exceptionally strong and of uniform thickness.

The springs are of large diameter and unusual length, made of the best oil-tempered steel wire, have great resilience and power and never go lame.

Every hinge is guaranteed against defects in material and workmanship. All parts are interchangeable; duplicate parts can be furnished promptly from stock.

The other types of Bommer Spring Hinges and Pivots described and illustrated in this catalog are, in their respective class, unsurpassed in quality, finish and efficiency.

Our facilities for manufacturing and prompt shipment are unrivalled; we are located near all railroad and steamship lines.

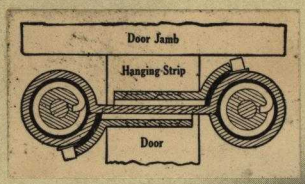
The superiority of Bommer Spring Hinges is officially attested by consensus of expert opinion the world over through numerous international awards of competent juries over all competitors—*Bommer Spring Hinges are the best.*

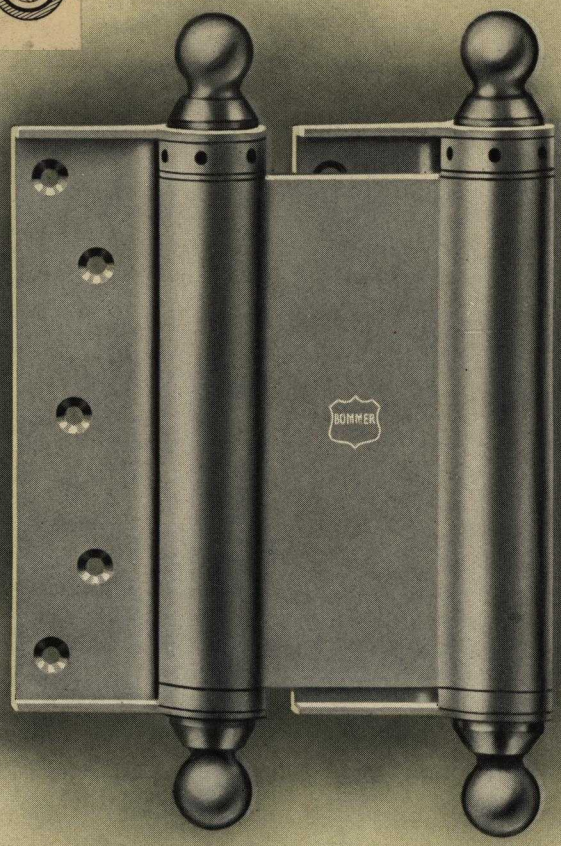
Every genuine Bommer Spring Hinge is stamped with this

Trade BOMMER Mark

Bommer Spring Butt Hinges

Double Action, Three Leaf Type





In this double action spring hinge the barrels and their connecting-plate are integral and made of a thick, solid, strong plate of metal of full and even thickness throughout, formed into a contour giving great surplus strength.

The springs are of large diameter and unusual length, made of the best oil-tempered steel wire, have great resilience and power and never go lame.

"Bommer Spring Hinges are the best."

Every genuine Bommer Spring Hinge is stamped with this Trade BOMMER Mark

Bommer Spring Butt Hinges

Double Action, Three Leaf Type, for closing doors automatically

Directions for selecting the proper size hinge and for ordering. Detailed measurements and working drawings on pages 37 and 38.

For doors (minimum)	For doors (maximum)	Use hinges	Use hanging strip
¾″ thick x 2′ 2″ wide	1″ thick x 2′ 0″ wide	3 inch	½ inch
⅞″ thick x 2′ 4″ wide	1¼″ thick x 2′ 2″ wide	4 inch	⅝ inch
1⅛″ thick x 2′ 6″ wide	1½″ thick x 2′ 3″ wide	5 inch	⅝ inch
1¼″ thick x 2′ 8″ wide	1¾″ thick x 2′ 4″ wide	6 inch	¾ inch
1⅜″ thick x 2′ 9″ wide	2″ thick x 2′ 6″ wide	7 inch	⅞ inch
1½″ thick x 2′ 10″ wide	2¼″ thick x 2′ 8″ wide	8 inch	1 inch
1¾″ thick x 3′ 0″ wide	2½″ thick x 2′ 10″ wide	10 inch	1⅛ inch
2¼″ thick x 3′ 2″ wide	3″ thick x 3′ 0″ wide	12 inch	1¼ inch

Above directions apply to doors made of white pine or other soft wood. For hardwood doors, plate-glass doors, metal-covered doors, doors having heavy hardware or heavy kick-plates or doors exposed to strong drafts, always use the largest size hinge which the thickness of the door will permit; also take note that wide doors always require larger size hinges than narrow doors.

To avoid errors, order by number and state when ordering which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be furnished. When ordering hinges with special finish to match other hardware, send sample with order, or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door: (also note directions above)	Length of flanges	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated or Galvanized (state which)		Sand finished Antique copper, Antique brass, Im.Bower-Barff (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	29	$ 5.10	479	$ 6.90	329	$ 6.90	629	$ 6.90	879	$ 9.20	279	$ 9.20
⅞ to 1¼ in.	4 in.	30	6.10	480	8.30	330	8.30	630	8.30	880	11.00	280	11.00
1⅛ to 1½ in.	5 in.	33	7.20	483	9.70	333	9.70	633	9.70	883	13.20	283	13.20
1¼ to 1¾ in.	6 in.	36	8.90	486	12.40	336	12.40	636	12.40	886	16.00	286	16.00
1⅜ to 2 in.	7 in.	39	11.40	489	16.00	339	16.00	639	16.00	889	20.50	289	20.50
1½ to 2¼ in.	8 in.	42	16.50	492	22.80	342	22.80	642	22.80	892	28.30	292	28.30
1¾ to 2½ in.	10 in.	45	22.80	495	31.40	345	31.40	645	31.40	895	38.70	295	38.70
2¼ to 3 in.	12 in.	48	30.40	498	41.80	348	41.80	648	41.80	898	50.00	298	50.00

For genuine Bower-Barff finish add 20% to list price of sand finish.
For plated finishes on Galvanized add 10% to list price of Galvanized.

Bronze or Brass

Thickness of door: (also note directions above)	Length of flanges	Highly polished Bronze		Highly polished Brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	129	$18.30	129A	$18.30	429	$20.30	729	$20.30	829	$20.30	229	$20.30
⅞ to 1¼ in.	4 in.	130	20.80	130A	20.80	430	23.30	730	23.30	830	23.30	230	23.30
1⅛ to 1½ in.	5 in.	133	25.60	133A	25.60	433	28.20	733	28.20	833	28.20	233	28.20
1¼ to 1¾ in.	6 in.	136	31.70	136A	31.70	436	34.70	736	34.70	836	34.70	236	34.70
1⅜ to 2 in.	7 in.	139	40.30	139A	40.30	439	44.30	739	44.30	839	44.30	239	44.30
1½ to 2¼ in.	8 in.	142	54.10	142A	54.10	442	59.50	742	59.50	842	59.50	242	59.50
1¾ to 2½ in.	10 in.	145	73.40	145A	73.40	445	80.40	745	80.40	845	80.40	245	80.40
2¼ to 3 in.	12 in.	148	114.40	148A	114.40	448	123.00	748	123.00	848	123.00	248	123.00

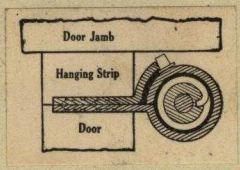
Prices for silver-plated or verde antique finish quoted on application.

Packed complete, one pair in a box with screws to match the finish, and instructions for applying.

Telegraph code, page 36. Table of weights, page 33. List of repair parts, page 35.

Bommer Spring Butt Hinges

Single Action



In this single action spring hinge the barrel and its leaf for fastening to the door are integral and made of a thick, solid, strong plate of metal of full and even thickness throughout, formed into a contour giving great surplus strength.

The springs are of large diameter and unusual length, made of the best oil-tempered steel wire, have great resilience and power and never go lame.

"Bommer Spring Hinges are the best."

Every genuine Bommer Spring Hinge is stamped with this Trade BOMMER Mark

Bommer Spring Butt Hinges

Single Action, for closing doors automatically

Directions for selecting the proper size hinge and for ordering. Detailed measurements and working drawings on pages 37 and 38.

For doors (minimum)	For doors (maximum)	Use hinges	Use hanging strip
¾″ thick x 2′ 2″ wide	1″ thick x 2′ 0″ wide	3 inch	½ inch
⅞″ thick x 2′ 4″ wide	1¼″ thick x 2′ 2″ wide	4 inch	⅝ inch
1⅛″ thick x 2′ 6″ wide	1½″ thick x 2′ 3″ wide	5 inch	⅝ inch
1¼″ thick x 2′ 8″ wide	1¾″ thick x 2′ 4″ wide	6 inch	¾ inch
1⅜″ thick x 2′ 9″ wide	2″ thick x 2′ 6″ wide	7 inch	⅞ inch
1½″ thick x 2′ 10″ wide	2¼″ thick x 2′ 8″ wide	8 inch	1 inch
1¾″ thick x 3′ 0″ wide	2½″ thick x 2′ 10″ wide	10 inch	1⅛ inch
2¼″ thick x 3′ 2″ wide	3″ thick x 3′ 0″ wide	12 inch	1¼ inch

Above directions apply to doors made of white pine or other soft wood. For hardwood doors, plate-glass doors, metal-covered doors, doors having heavy hardware or heavy kick-plates or doors exposed to drafts, always use the largest size hinge which the thickness of the door will permit; also take note that wide doors always require larger size hinges than narrow doors.

To avoid errors, order by number and state when ordering which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be furnished. When ordering hinges with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door: (also note directions above)	Length of flanges	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated or Galvanized (state which)		Sand finished Antique copper, Antique brass, Im. Bower-Barff (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	0	$ 3.10	450	$ 4.00	300	$ 4.00	600	$ 4.00	850	$ 5.50	250	$ 5.50
⅞ to 1¼ in.	4 in.	1	3.70	451	5.00	301	5.00	601	5.00	851	6.60	251	6.60
1⅛ to 1½ in.	5 in.	5	4.30	455	5.90	305	5.90	605	5.90	855	7.90	255	7.90
1¼ to 1¾ in.	6 in.	9	5.30	459	7.40	309	7.40	609	7.40	859	9.60	259	9.60
1⅜ to 2 in.	7 in.	13	6.80	463	9.60	313	9.60	613	9.60	863	12.30	263	12.30
1½ to 2¼ in.	8 in.	17	9.90	467	13.70	317	13.70	617	13.70	867	17.00	267	17.00
1¾ to 2½ in.	10 in.	21	13.70	471	18.80	321	18.80	621	18.80	871	23.20	271	23.20
2¼ to 3 in.	12 in.	25	18.20	475	25.10	325	25.10	625	25.10	875	30.00	275	30.00

For genuine Bower-Barff finish add 20% to list price of sand finish.
For plated finishes on Galvanized add 10% to list price of Galvanized.

Bronze or Brass

Thickness of door: (also note directions above)	Length of flanges	Highly polished Bronze		Highly polished Brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	100	$10.10	100A	$10.10	400	$11.20	700	$11.20	800	$11.20	200	$11.20
⅞ to 1¼ in.	4 in.	101	12.40	101A	12.40	401	13.70	701	13.70	801	13.70	201	13.70
1⅛ to 1½ in.	5 in.	105	15.00	105A	15.00	405	16.60	705	16.60	805	16.60	205	16.60
1¼ to 1¾ in.	6 in.	109	19.00	109A	19.00	409	20.80	709	20.80	809	20.80	209	20.80
1⅜ to 2 in.	7 in.	113	24.20	113A	24.20	413	26.60	713	26.60	813	26.60	213	26.60
1½ to 2¼ in.	8 in.	117	32.50	117A	32.50	417	35.70	717	35.70	817	35.70	217	35.70
1¾ to 2½ in.	10 in.	121	44.00	121A	44.00	421	48.20	721	48.20	821	48.20	221	48.20
2¼ to 3 in.	12 in.	125	68.60	125A	68.60	425	73.80	725	73.80	825	73.80	225	73.80

Prices for silver-plated or verde antique finish quoted on application.

Single action hinges as regularly made, close the door, but if so ordered, can be made with reverse acting springs to swing door open and hold it open, without extra charge.

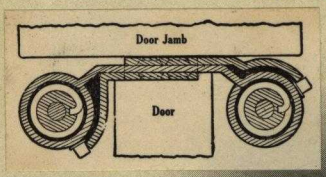
Packed complete, one pair in a box with screws to match the finish, and instructions for applying.

Telegraph code, page 36. Table of weights, page 33. List of repair parts, page 35.

Bommer Ever Ready Spring Hinges

Double Action

No Hanging-Strip Required



In the Ever Ready double action spring hinge the use of a hanging-strip is eliminated. Its use simplifies the fitting of the door.

The barrels and their connecting-plate are integral and made of a thick, solid, strong plate of metal of full and even thickness throughout, formed into a contour giving great surplus strength.

The springs are of large diameter and unusual length, made of the best oil-tempered steel wire, have great resilience and power and never go lame.

"Bommer Spring Hinges are the best."

Every genuine Bommer Spring Hinge is stamped with this

Trade BOMMER Mark

Bommer Ever Ready Spring Hinges

Double Action, for closing doors automatically

Directions for selecting the proper size hinge and for ordering. Detailed measurements and working drawings on pages 37 and 38.

For doors (minimum)	For doors (maximum)	Use hinges
¾″ thick x 2′ 2″ wide	1″ thick x 2′ 0″ wide	3 inch
⅞″ thick x 2′ 4″ wide	1¼″ thick x 2′ 2″ wide	4 inch
1⅛″ thick x 2′ 6″ wide	1½″ thick x 2′ 3″ wide	5 inch
1¼″ thick x 2′ 8″ wide	1¾″ thick x 2′ 4″ wide	6 inch
1⅜″ thick x 2′ 9″ wide	2″ thick x 2′ 6″ wide	7 inch
1½″ thick x 2′ 10″ wide	2¼″ thick x 2′ 8″ wide	8 inch

No Hanging-Strip Required

Above directions apply to doors made of white pine or other soft wood. For hardwood doors, plate-glass doors, metal-covered doors, doors having heavy hardware or heavy kick-plates or doors exposed to strong drafts, always use the largest size hinge which the thickness of the door will permit; also take note that wide doors always require larger size hinges than narrow doors.

For doors requiring larger hinges than the above use Bommer Spring Butt Hinges, 10 inch or 12 inch size with a hanging strip, on page 5.

To avoid errors, order by number and state when ordering which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be furnished. When ordering hinges with special finish to match other hardware, send sample with order, or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door: (also note directions above)	Length of flanges	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated or Galvanized (state which)		Sand finished Antique copper, Antique brass, Im.Bower-Barff (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	3029	$ 5.10	3479	$ 6.90	3329	$ 6.90	3629	$ 6.90	3879	$ 9.20	3279	$ 9.20
⅞ to 1¼ in.	4 in.	3030	6.10	3480	8.30	3330	8.30	3630	8.30	3880	11.00	3280	11.00
1⅛ to 1½ in.	5 in.	3033	7.20	3483	9.70	3333	9.70	3633	9.70	3883	13.20	3283	13.20
1¼ to 1¾ in.	6 in.	3036	8.90	3486	12.40	3336	12.40	3636	12.40	3886	16.00	3286	16.00
1⅜ to 2 in.	7 in.	3039	11.40	3489	16.00	3339	16.00	3639	16.00	3889	20.50	3289	20.50
1½ to 2¼ in.	8 in.	3042	16.50	3492	22.80	3342	22.80	3642	22.80	3892	28.30	3292	28.30

For genuine Bower-Barff finish add 20% to list price of sand finish.
For plated finishes on Galvanized add 10% to list price of Galvanized.

Bronze or Brass

Thickness of door: (also note directions above)	Length of flanges	Highly polished Bronze		Highly polished Brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	3129	$18.30	3129A	$18.30	3429	$20.30	3729	$20.30	3829	$20.30	3229	$20.30
⅞ to 1¼ in.	4 in.	3130	20.80	3130A	20.80	3430	23.30	3730	23.30	3830	23.30	3230	23.30
1⅛ to 1½ in.	5 in.	3133	25.60	3133A	25.60	3433	28.20	3733	28.20	3833	28.20	3233	28.20
1¼ to 1¾ in.	6 in.	3136	31.70	3136A	31.70	3436	34.70	3736	34.70	3836	34.70	3236	34.70
1⅜ to 2 in.	7 in.	3139	40.30	3139A	40.30	3439	44.30	3739	44.30	3839	44.30	3239	44.30
1½ to 2¼ in.	8 in.	3142	54.10	3142A	54.10	3442	59.50	3742	59.50	3842	59.50	3242	59.50

Prices for silver-plated or verde antique finish quoted on application.

Packed complete, one pair in a box with screws to match the finish, and instructions for applying.

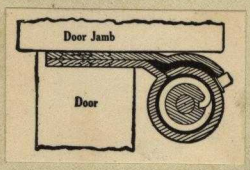
Add suffix "er" to private code word when ordering Ever Ready Spring Hinges by telegraph.

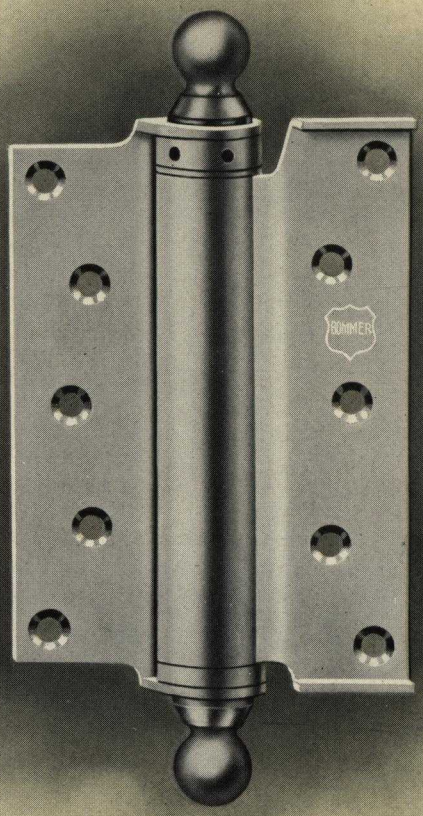
Telegraph code, page 36. Table of weights, page 33. List of repair parts, page 35.

Bommer Ever Ready Spring Hinges

Single Action

No Hanging-Strip Required





In the Ever Ready single action spring hinge the use of a hanging-strip is eliminated. Its use simplifies the fitting of the door.

The barrel and its leaf for fastening to the door are integral and made of a thick, solid, strong plate of metal of full and even thickness throughout and formed into a contour giving great surplus strength.

The springs are of large diameter and unusual length, made of the best oil-tempered steel wire, have great resilience and power and never go lame.

"Bommer Spring Hinges are the best."

Every genuine Bommer Spring Hinge is stamped with this Trade BOMMER Mark

Bommer Ever Ready Spring Hinges

Single Action, for closing doors automatically

Directions for selecting the proper size hinge and for ordering. Detailed measurements and working drawings on pages 37 and 38.

For doors (minimum)	For doors (maximum)	Use hinges
¾″ thick x 2′ 2″ wide	1″ thick x 2′ 0″ wide	3 inch
⅞″ thick x 2′ 4″ wide	1¼″ thick x 2′ 2″ wide	4 inch
1⅛″ thick x 2′ 6″ wide	1½″ thick x 2′ 3″ wide	5 inch
1¼″ thick x 2′ 8″ wide	1¾″ thick x 2′ 4″ wide	6 inch
1⅜″ thick x 2′ 9″ wide	2″ thick x 2′ 6″ wide	7 inch
1½″ thick x 2′ 10″ wide	2¼″ thick x 2′ 8″ wide	8 inch

No Hanging-Strip Required

Above directions apply to doors made of white pine or other soft wood. For hardwood doors, plate-glass doors, metal-covered doors, doors having heavy hardware or heavy kick-plates or doors exposed to drafts, always use the largest size hinge which the thickness of the door will permit; also take note that wide doors always require larger size hinges than narrow doors.

For doors requiring larger hinges than the above use Bommer Spring Butt Hinges 10 inch or 12 inch size with a hanging strip, on page 7.

To avoid errors, order by number and state when ordering which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be furnished. When ordering hinges with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door: (also note directions above)	Length of flanges	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated or Galvanized (state which)		Sand finished Antique copper, Antique brass, Im.Bower-Barff (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	3000	$ 3.10	3450	$ 4.00	3300	$ 4.00	3600	$ 4.00	3850	$ 5.50	3250	$ 5.50
⅞ to 1¼ in.	4 in.	3001	3.70	3451	5.00	3301	5.00	3601	5.00	3851	6.60	3251	6.60
1⅛ to 1½ in.	5 in.	3005	4.30	3455	5.90	3305	5.90	3605	5.90	3855	7.90	3255	7.90
1¼ to 1¾ in.	6 in.	3009	5.30	3459	7.40	3309	7.40	3609	7.40	3859	9.60	3259	9.60
1⅜ to 2 in.	7 in.	3013	6.80	3463	9.60	3313	9.60	3613	9.60	3863	12.30	3263	12.30
1½ to 2¼ in.	8 in.	3017	9.90	3467	13.70	3317	13.70	3617	13.70	3867	17.00	3267	17.00

For genuine Bower-Barff finish add 20% to list price of sand finish.
For plated finishes on Galvanized add 10% to list price of Galvanized.

Bronze or Brass

Thickness of door: (also note directions above)	Length of flanges	Highly polished Bronze		Highly polished Brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)	
		No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
¾ to 1 in.	3 in.	3100	$10.10	3100A	$10.10	3400	$11.20	3700	$11.20	3800	$11.20	3200	$11.20
⅞ to 1¼ in.	4 in.	3101	12.40	3101A	12.40	3401	13.70	3701	13.70	3801	13.70	3201	13.70
1⅛ to 1½ in.	5 in.	3105	15.00	3105A	15.00	3405	16.60	3705	16.60	3805	16.60	3205	16.60
1¼ to 1¾ in.	6 in.	3109	19.00	3109A	19.00	3409	20.80	3709	20.80	3809	20.80	3209	20.80
1⅜ to 2 in.	7 in.	3113	24.20	3113A	24.20	3413	26.60	3713	26.60	3813	26.60	3213	26.60
1½ to 2¼ in.	8 in.	3117	32.50	3117A	32.50	3417	35.70	3717	35.70	3817	35.70	3217	35.70

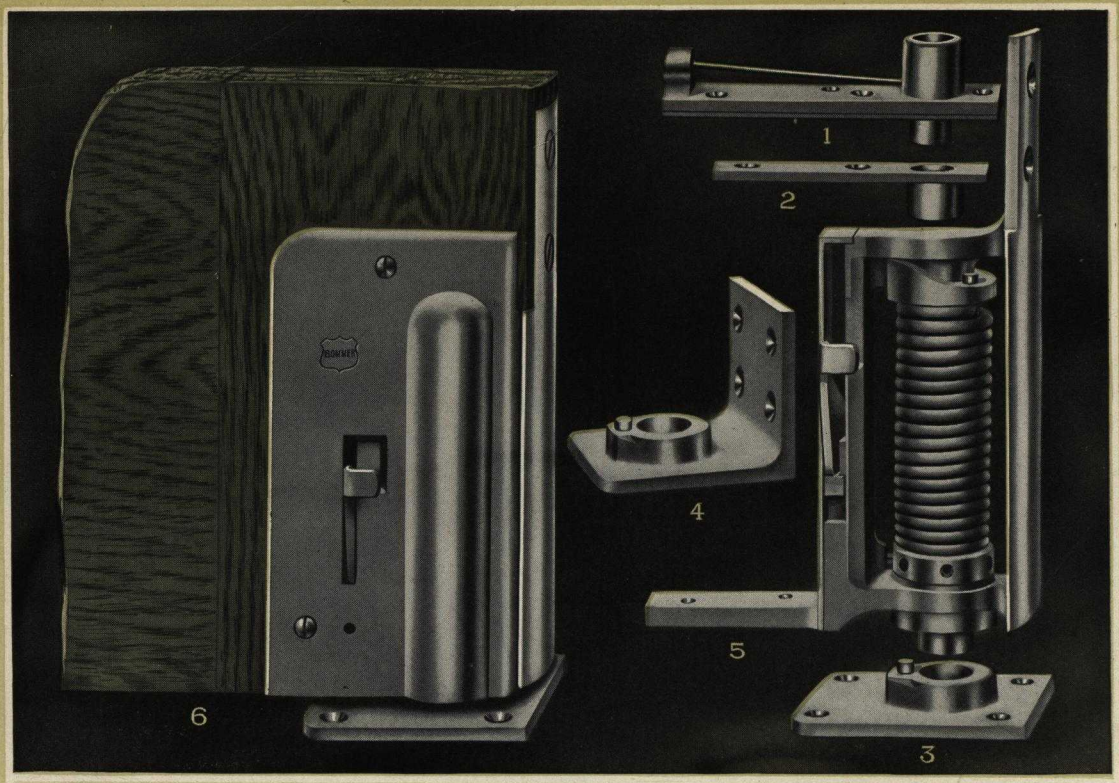
Prices for silver-plated or verde antique finish quoted on application.

Single action hinges, as regularly made, close the door, but if so ordered, can be made with reverse acting springs to swing door open and hold it open, without extra charge.

Packed complete, one pair in a box with screws to match the finish, and instructions for applying.

Add suffix "er" to private code word when ordering Ever Ready Spring Hinges by telegraph.

Telegraph code, page 36. Table of weights, page 33. List of repair parts, page 35.



1. Top-pivot. 2. Top-pivot socket. 3. Floor socket-plate regularly furnished. 4. Special right-angle jamb socket-plate for cement or tile floors. 5. Interior construction of spring-pivot. 6. Spring-pivot as it appears when fitted to the door.

Bommer Vertical Spring-Pivot, release type

For closing doors automatically. Double action, but by using a stop bead on the door-casing it works equally well single action. The spring-action is temporarily released on either side of the door through an angle of 90 degrees by pressing down either side-pedal with the foot before opening the door, and is automatically re-engaged when the door is closed. The entire mechanism is enclosed by the side-plates; there are no delicate parts near the floor to rust away; the pintle of the hinge is carefully fitted into a corresponding socket of the floor-plate and cannot jump out. Hardened tool-steel ball-bearings are located in upper part of hinge-frame away from water, dust and dirt.

Easy to apply, no hanging strip required, the back edge of door is slightly rounded, no holes to cut in the floor. The strongest and most durable spring-pivot of its type, the springs are made of the best oil-tempered steel wire, have great resilience and power and never go lame. As sent out the spring is correctly set up for the door specified, but the spring power can be adjusted to suit after the pivot is fixed to the door. The top-pivot has a spring-actuated plunger which permits the door to be taken down without unscrewing. Workmanship, finish and elegance of appearance are unrivalled.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be sent. When ordering pivots with special finish to match other hardware, send sample with order or find finish in comparison table on page 33, and order by symbol.

Planished Steel

Thickness of door	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper, Antique brass, Im. Bower-Barff (state which)		From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1½ in.	20	$ 6.00	470	$ 9.00	320	$ 9.00	620	$ 9.00	870	$10.70	270	$10.70	1¼ in.
1½ to 2 in.	22	9.00	472	13.30	322	13.30	622	13.30	872	15.90	272	15.90	1½ in.
2 to 2¾ in.	24	13.70	474	19.70	324	19.70	624	19.70	874	23.60	274	23.60	2 in.

For genuine Bower-Barff add 10% to list price of sand finish.

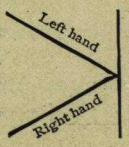
Bronze or Brass

Thickness of door	Highly polished bronze		Highly polished brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)		From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1½ in.	120	$15.00	120A	$15.00	420	$16.70	720	$16.70	820	$16.70	220	$16.70	1¼ in.
1½ to 2 in.	122	22.70	122A	22.70	422	24.90	722	24.90	822	24.90	222	24.90	1½ in.
2 to 2¾ in.	124	33.90	124A	33.90	424	37.30	724	37.30	824	37.30	224	37.30	2 in.

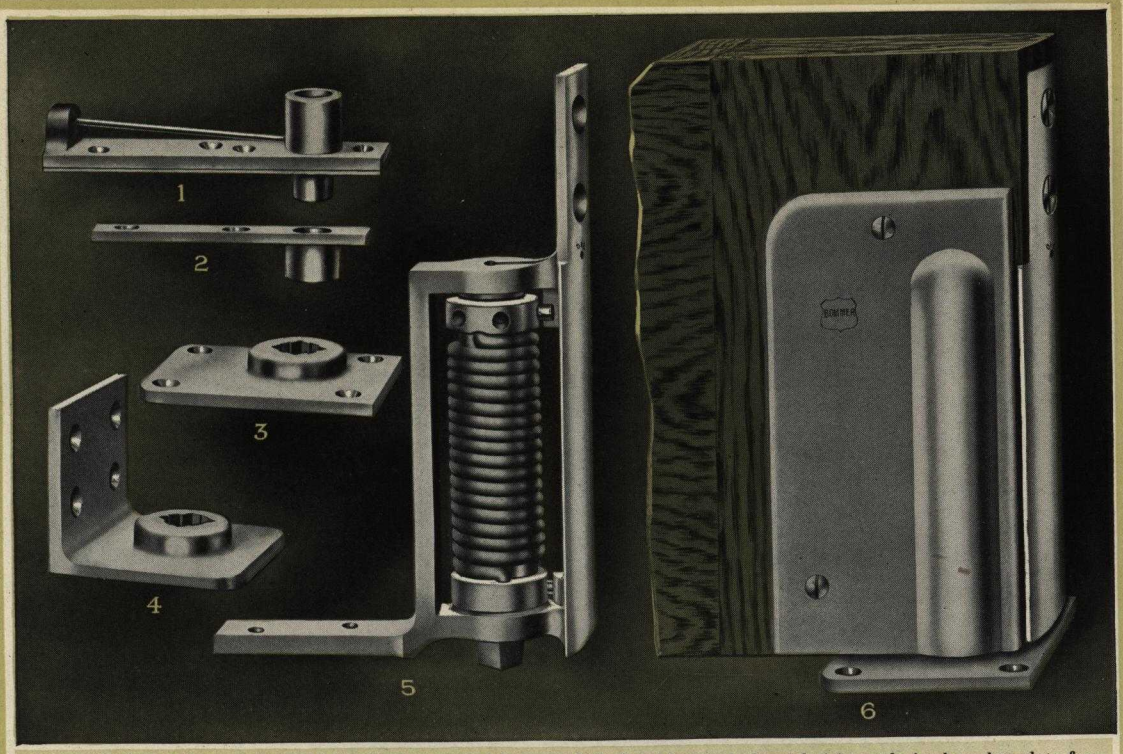
Prices for silver-plated or verde antique finish quoted on application.

If special right-angle jamb-plate (fig. 4) for cement or tile floor is required, state so on order and add fifteen per cent to list price.

When two finishes for different sides of the door are required in combination, send diagram respectively locating them; the most expensive of the two finishes will be the price charged. Avoid error by using diagram at right when ordering. **Detailed Measurements and Working Drawings on pages 38 and 39.**



Packed complete, one set in a box with screws to match the finish, and instructions for applying. Telegraph code, page 36. Table of weights, page 33. List of repair parts, page 35.



1. Top-pivot. 2. Top-pivot socket. 3. Floor socket-plate regularly furnished. 4. Special right-angle jamb socket-plate for cement or tile floors. 5. Interior construction of spring-pivot. 6. Spring-pivot as it appears when fitted to the door.

Detailed Measurements and Working Drawings on pages 38 and 39

Bommer Vertical Spring-Pivot

For closing doors automatically

This spring-pivot swings the door both ways, but by using a stop bead on the door-casing it will swing the door one way. No holes to cut into floor and no interference with beams or girders as the floor-plate screws to the surface. No weakening of the door, only a small section of the wood need be cut out lengthwise with the grain. This pivot is completely enclosed; has hardened tool-steel ball-bearings located in the upper part of the pivot-frame, out of reach of water, dust or dirt; the side-plates are made of sheet metal. Workmanship and finish are unsurpassed.

Easy to apply, saves labor and admits of close fitting; no hanging strip required, back edge of door is slightly rounded. The spring, which is made of best oil-tempered steel wire, has great resilience and power and never goes lame, it is correctly set up for door specified as sent out, but the tension of the spring can be adjusted to suit all requirements after the door is in place. The top-pivot has a spring-actuated plunger which permits the door to be taken down without any unscrewing.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be sent. When ordering pivots with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper, Antique brass, Im.Bower-Barff (state which)		From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1½ in.	**10**	$ 5.40	**460**	$ 8.10	**310**	$ 8.10	**610**	$ 8.10	**860**	$ 9.60	**260**	$ 9.60	1¼ in.
1½ to 2 in.	**12**	8.10	**462**	12.00	**312**	12.00	**612**	12.00	**862**	14.30	**262**	14.30	1½ in.
2 to 2¾ in.	**14**	12.30	**464**	17.70	**314**	17.70	**614**	17.70	**864**	21.20	**264**	21.20	2 in.

For genuine Bower-Barff finish add 10% to list price of sand finish.

Bronze or Brass

Thickness of door	Highly polished bronze		Highly polished brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)		From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1½ in.	**110**	$13.50	**110A**	$13.50	**410**	$15.00	**710**	$15.00	**810**	$15.00	**210**	$15.00	1¼ in.
1½ to 2 in.	**112**	20.40	**112A**	20.40	**412**	22.40	**712**	22.40	**812**	22.40	**212**	22.40	1½ in.
2 to 2¾ in.	**114**	30.50	**114A**	30.50	**414**	33.60	**714**	33.60	**814**	33.60	**214**	33.60	2 in.

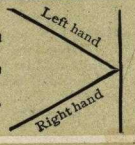
Prices for silver-plated or verde antique finish quoted on application.

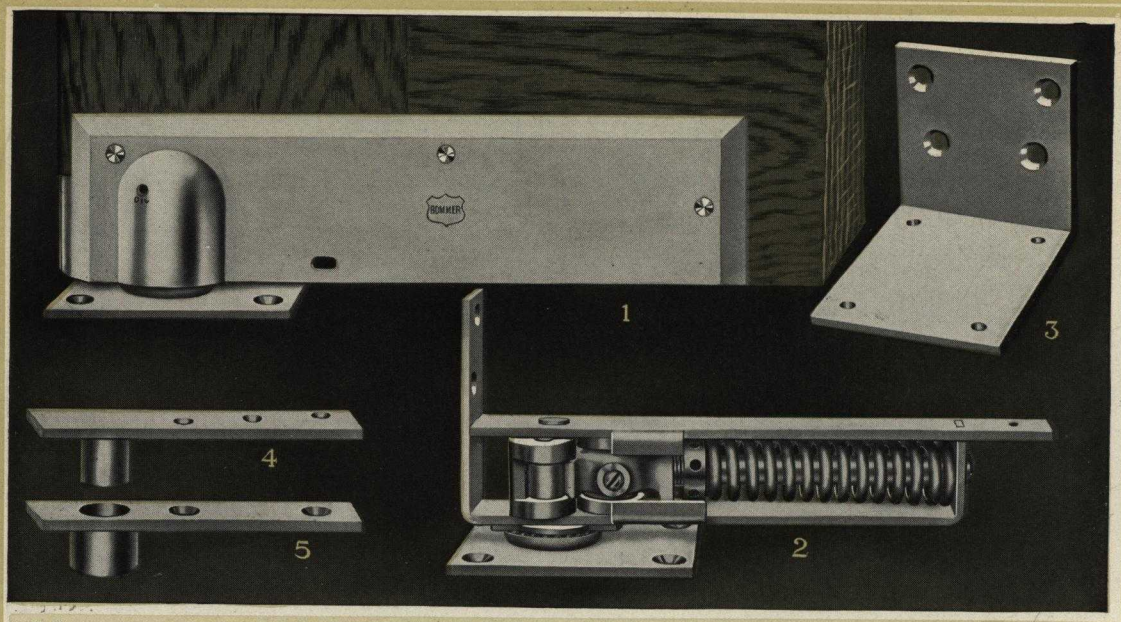
If special right-angle jamb-plate (fig. 4) for cement or tile floor is required, state so on order and add fifteen per cent to list price.

When two finishes for different sides of the door are required in combination, the most expensive of the two finishes will be the price charged. Avoid error by using diagram at right when ordering.

Packed complete, one set in a box, with screws to match the finish, and instructions for applying.

Telegraph code on page 36. Table of weights on page 33. List of repair parts, page 35.





1. Spring-pivot as it appears when fitted to the door. 2. Interior construction of spring-pivot. 3. Special right-angle jamb socket-plate for cement or tile floors. 4. Top-pivot. 5. Top-pivot socket.

Detailed Measurements and Working Drawings on pages 38 and 39

Bommer Horizontal Spring-Pivot

Release and Holdback type with Alignment device

This is the most ingenious and most durable spring-pivot of its type. It holds the door open when swung beyond 90 degrees at either side. When desired, the spring-action can be entirely released so that the door will swing free, without spring-action through an arc of 180 degrees or more by inserting a wire nail (when the door is open) into a hole provided in the side plates for that purpose. These spring-pivots swing doors double action, but work equally well single action by using a stop bead on the door casing.

The spring is of the compression type, made of the best oil-tempered steel wire and has great resilience and power. This pivot as sent out has the spring correctly set for the door specified, but the tension of the spring can be adjusted to suit any requirements after the pivot is in place on the door. The weight of the door is carried on hardened tool-steel ball-bearings contained in an enclosed steel ball-race.

The alignment can be adjusted to a nicety through an unusually large radius after the pivot is in place and can then be permanently locked by the aid of a screw-driver.

The lubricating system of this pivot permits all bearings and friction surfaces to be lubricated from one oil-hole at either side of the pivot; both pivot-frame and floor-plate are reinforced by a method which secures longer bearings for the spindle. The spring-actuated plunger rod is centrally guided in the side-extensions of the pivot-frame. A suitable top-pivot is furnished with the spring-pivot.

This spring-pivot is easy to apply, being screwed fast directly to the door and to the surface of the floor, no hanging strip required, no holes to cut in the floor. The back edge of the door is slightly rounded.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be sent. When ordering spring-pivots with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper, Antique brass, Im.Bower-Barff (state which)		From center of spindle to back edge of door
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1¾ in.	18	$3.60	468	$4.00	318	$4.00	618	$4.00	868	$4.60	268	$4.60	1½ in.
2 to 2½ in.	19	5.40	469	6.20	319	6.20	619	6.20	869	6.70	269	6.70	2⅛ in.

For genuine Bower-Barff finish add 10% to list price of sand finish.

Bronze or Brass

Thickness of door	Highly polished bronze		Highly polished brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)		From center of spindle to back edge of door
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1¾ in.	118	$ 9.50	118A	$ 9.50	418	$10.20	718	$10.20	818	$10.20	218	$10.20	1½ in.
2 to 2½ in.	119	11.30	119A	11.30	419	12.00	719	12.00	819	12.00	219	12.00	2⅛ in.

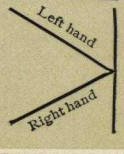
Prices for silver-plated or verde antique quoted on application.

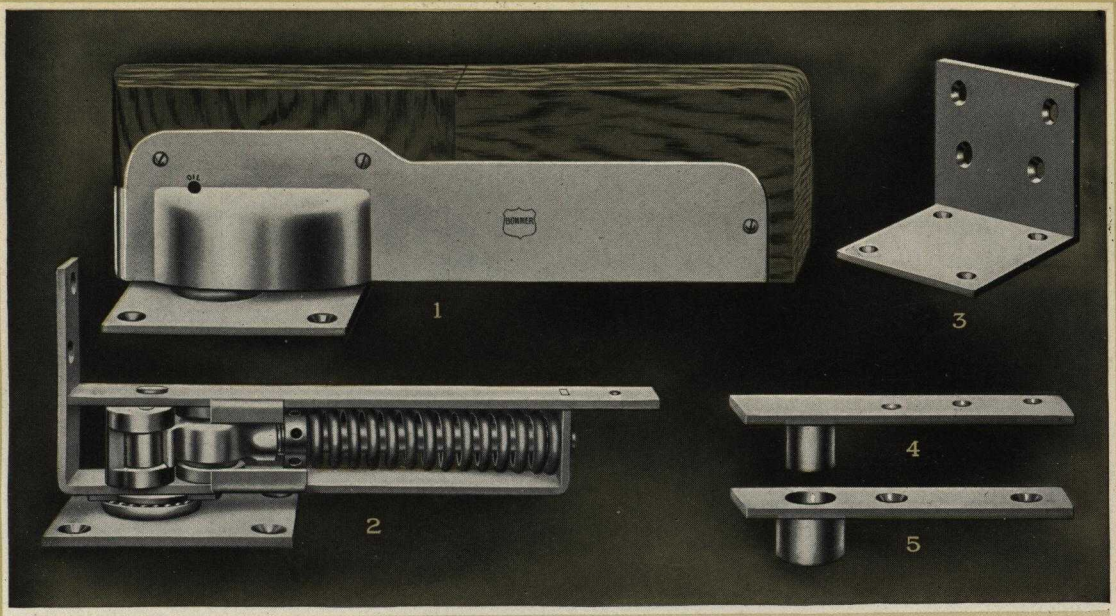
For special right-angle jamb-plate (fig. 3 above) add 15% to list price. For special top-pivot with spring-actuated plunger (fig. 1, page 12) add 10% to list price.

When two finishes are required in combination for different sides of the door, the most expensive of the two finishes will be the price charged. Avoid error by using diagram at right when ordering.

Packed complete, one set in a box, with screws to match the finish. A full case contains 25 sets complete of any one finish or 50 sets of assorted finishes.

Telegraph code, page 36. Table of weights, page 33.





1. Spring-pivot as it appears when fitted to the door. 2. Interior construction of spring-pivot. 3. Special right-angle jamb socket-plate for cement or tile floors. 4. Top-pivot. 5. Top-pivot socket.

Detailed Measurements and Working Drawings on pages 38 and 39

Bommer Horizontal Spring-Pivot

For closing doors automatically, has holdback feature

This spring-pivot is simple, efficient, durable, easy to apply and is screwed fast directly to the door and floor surface, no hanging strip required, no holes to be cut in the floor; has double action, but by using a stop bead on the door-casing it works equally well single action. The back edge of the door is slightly rounded.

The positive holdback holds the door if opened beyond 90 degrees so that it will not close suddenly when required to remain open. The spring is of the compression type, made of the best oil-tempered steel wire and has great resilience and power. This spring-pivot as sent out has the spring correctly set for the door specified, but the tension of the spring can be reduced or increased to suit all requirements after the spring-pivot is in place on the door. Both pivot-frame and floor-plate are reinforced by a method which also secures a longer bearing for the spindle. The bearing surfaces are case-hardened. The weight is carried on hardened tool-steel ball-bearings contained in an enclosed steel ball-race. The spring-actuated plunger-rod is centrally guided in the side extensions of the pivot-frame. All the bearings of this spring-pivot can be lubricated from a single oil-hole on either side-plate.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be sent. When ordering spring-pivots with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

Planished Steel

Thickness of door	Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper, Antique brass, Im. Bower-Barff (state which)		From center of spindle to back edge of door
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1¾ in.	**15**	$3.20	**465**	$3.50	**315**	$3.50	**615**	$3.50	**865**	$4.00	**265**	$4.00	1½ in.
2 to 2½ in.	**16**	4.70	**466**	5.40	**316**	5.40	**616**	5.40	**866**	5.80	**266**	5.80	2⅛ in.

For genuine Bower-Barff finish add 10% to list price of sand finish.

Bronze or Brass

Thickness of door	Highly polished bronze		Highly polished brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)		From center of spindle to back edge of door
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	
1⅛ to 1¾ in.	**115**	$8.30	**115A**	$8.30	**415**	$ 8.90	**715**	$ 8.90	**815**	$ 8.90	**215**	$ 8.90	1½ in.
2 to 2½ in.	**116**	9.80	**116A**	9.80	**416**	10.40	**716**	10.40	**816**	10.40	**216**	10.40	2⅛ in.

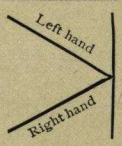
Prices for silver-plated or verde antique finish quoted on application.

For special right-angle jamb-plate (fig. 3 above) add 15% to list price. For special top-pivot with spring-actuated plunger (fig. 1, page 12) add 10% to list price.

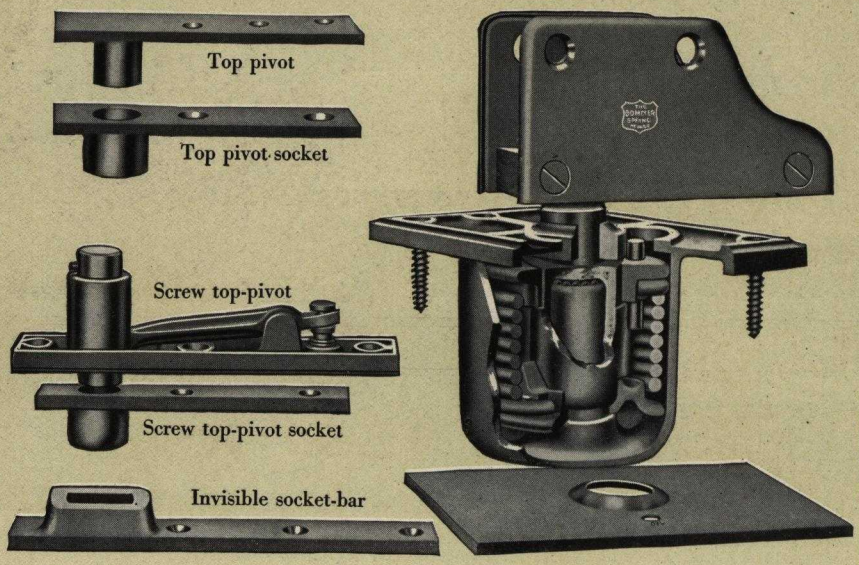
When two finishes for different sides of the door are required in combination, the most expensive of the two finishes will be charged. Avoid error by using diagram at right when ordering.

Packed complete, one set in a box, with screws to match the finish. A full case contains 25 sets complete of any one finish, or 50 sets of assorted finishes.

Telegraph code, page 36. Table of weights, page 33.



Bommer Floor Mortise Spring-Pivots (Ball-Bearing)



This spring-pivot swings the door double action, but by using a stop bead on the casing it works equally well single action. It is easily fitted to a door of any thickness, as the shoe is adjustable. The tension of the spring is also adjustable, and the weight of the door is supported on tool-steel ball-bearings set upon a raised center post. The ball-bearings are covered by a hollow spindle which allows no water, dirt, or grit to reach them, making them wear years longer.

Only the best oil-tempered springs are used. All parts are interchangeable. No hanging strip is required, the back edge of the door being slightly rounded.

This spring-pivot imparts an easy movement to the door.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the finish at head of column will be furnished. When ordering pivots with special finish to match other hardware, send sample with order or find finish in comparison table on page 33 and order by symbol.

These pivots are regularly furnished with side-plates, top-pivot and top-pivot socket, as shown in above illustration.

If floor mortise spring-pivots without side-plates are ordered, a screw top-pivot with movable plunger and socket in connection with an invisible socket-bar is furnished without extra charge, as shown in above illustration.

Bommer Floor Mortise Spring Pivots, as sent out, have springs correctly set up for the doors specified but the tension may be reduced or increased if desired after the pivot is in place.

Planished Steel

Thickness of door	Japanned dead black		Bronze plated or Brass plated (state which)		Ant. copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finishes or imitation Bower-Barff (state which)		Dimensions of top plate	Depth of cup	From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set			
⅞ to 1½in.	2	$5.40	452	$8.10	302	$8.10	602	$8.10	852	$9.60	252	$9.60	3¾x5⅛ in.	3 in.	1⅝ in.
1⅜ to 2 in.	4	8.10	454	12.00	304	12.00	604	12.00	854	14.30	254	14.30	3⅞x5⅝ in.	3½ in.	1¾ in.
2 to 2½in.	6	12.30	456	17.70	306	17.70	606	17.70	856	21.20	256	21.20	4½x6½ in.	3¾ in.	2 in.
2½ to 3½in.	8	13.50	458	19.50	308	19.50	608	19.50	858	23.30	258	23.30	4½x6½ in.	3¾ in.	2 in.

For genuine Bower-Barff finish add 10% to list price of sand finish.

Bronze or Brass

Thickness of door	Highly polished Bronze		Highly polished Brass		Ant. copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finishes Ant. copper or Ant. brass (state which)		Dimensions of top plate	Depth of cup	From center of spindle to door casing
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set			
⅞ to 1½in.	102	$13.50	102A	$13.50	402	$15.00	702	$15.00	802	$15.00	202	$15.00	3¾x5⅛ in.	3 in.	1⅝ in.
1⅜ to 2 in.	104	20.40	104A	20.40	404	22.40	704	22.40	804	22.40	204	22.40	3⅞x5⅝ in.	3½ in.	1¾ in.
2 to 2½in.	106	30.50	106A	30.50	406	33.60	706	33.60	806	33.60	206	33.60	4½x6½ in.	3¾ in.	2 in.
2½ to 3½in.	108	33.60	108A	33.60	408	37.00	708	37.00	808	37.00	208	37.00	4½x6½ in.	3¾ in.	2 in.

Screw Top-Pivots with Sockets

Thickness of door	Iron Japanned dead black		Iron Bronze or Brass plated (state which)		Iron Ant. copper or Statuary finish (state which)		Iron Dull or Ant. Brass finish (state which)		Iron Sand finishes (state which)		Bronze or Brass metal highly polished (state which)		Length and width of top-pivot plate	Total height of pivot	Center of pivot to back edge of plate
	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set			
¾ to 1¼in.	P26	$2.00	P476	$2.90	P326	$2.90	P626	$2.90	P276	$3.40	P126	$3.60	3⅞x ¾ in.	1½ in.	½ in.
1¼ to 2¼in.	P27	2.50	P477	3.60	P327	3.60	P627	3.60	P277	4.30	P127	4.50	5¾x1¼ in.	2 in.	1⅜ in.
2 to 4 in.	P28	6.50	P478	8.40	P328	8.40	P628	8.40	P278	9.60	P128	10.00	8 x2½ in.	3⅝ in.	2 in.

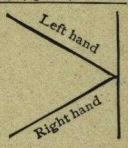
Prices for silver-plated or verde antique finish quoted on application.

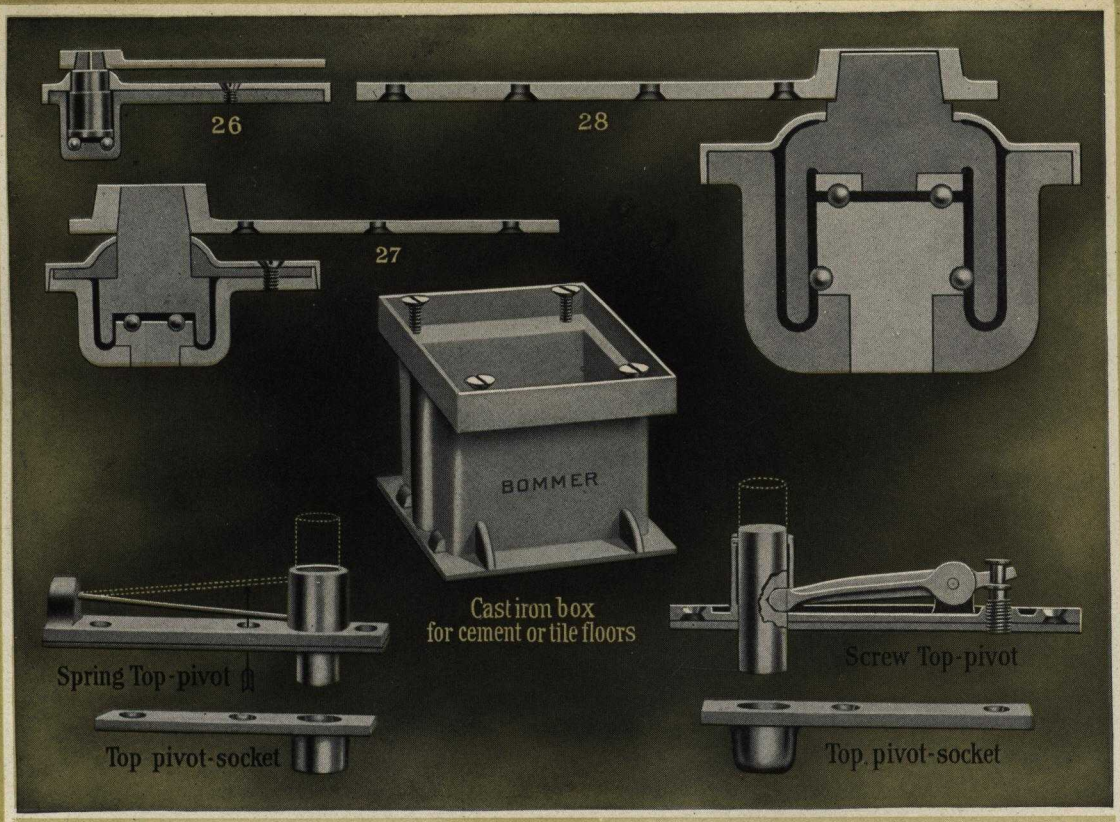
If cast iron boxes are wanted for setting spring-pivots in cement or tile floors, same must be specially ordered, see prices on page 17.

When two finishes are required in combination for different sides of the door, the more expensive of the two finishes will be the price charged. Avoid error by using diagram at right when ordering spring-pivots.

The spring-pivots are packed complete, one set in a box with adjusting wrench and screws. The screw top-pivots also are packed complete.

Telegraph code on page 36. Table of weights on page 33. List of repair parts on page 35.





Without Springs — **Bommer Pivots** — Ball-Bearing

These ball-bearing pivots can be used to hang doors either double or single acting, they are durable and noiseless, are easily lubricated and do not permit the door to sag. They are suitable for secret doors of dining room silver cabinets or for any doors where visible hinges are undesirable. The largest size has a double race of hardened and ground tool-steel balls arranged to take the weight and thrust, and will operate doors weighing up to 2000 lbs. (as used for banks, churches, drill-halls, etc.). A suitable top-pivot, having a movable plunger, which permits the door to be taken down easily, is furnished.

To avoid errors, order by number and state which finish is wanted. If the finish desired is not mentioned in the order, the first finish at head of column will be sent. When ordering pivots with special finish to match other hardware, send sample with order, or find finish in comparison table on page 33 and order by symbol.

Directions for selecting the proper pivot	Dimensions of top plate	Length and width of socket bar	Depth of cup	Centre of pivot to casing	Bottom of socket bar to floor	Length and width of top-pivot plate	Length and width of top-pivot socket	Style of top-pivot furnished
For doors 7/8" to 1 1/4" thick, use size 26	1" x 4"	3 5/8" x 5/8"	1 1/8"	5/8"	1/4"	4 3/4" x 1 1/8"	4" x 7/8"	Spring pivot
For doors 1 1/4" to 2 1/4" thick, use size 27	4" x 3 1/4"	6 7/8" x 1 1/8"	1 1/2"	1 5/8"	3/8"	5 3/4" x 1 5/16"	4 5/8" x 1"	Spring pivot
For doors 2" to 4" thick, use size 28	5 1/2" x 5 1/4"	8 3/4" x 1 3/4"	3 1/4"	2 1/4"	1/2"	8" x 2 1/2"	6 1/4" x 2"	Screw pivot

Visible Parts—**Cast Iron**—Polished and Finished

Japanned dead black		Bronze plated or Brass plated (state which)		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper, Antique brass or Im. Bower-Barff (state which)	
No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set
26	$ 5.80	476	$ 8.60	326	$ 8.60	626	$ 8.60	876	$10.10	276	$10.10
27	6.70	477	10.60	327	10.60	627	10.60	877	12.80	277	12.80
28	19.40	478	25.20	328	25.20	628	25.20	878	28.90	278	28.90

For genuine Bower-Barff add 10% to price of sand finish.

Visible Parts—**Bronze or Brass**—Polished and Finished

Highly polished Bronze		Highly polished Brass		Antique copper or Statuary finish (state which)		Dull brass or Antique brass finish (state which)		Nickel plated		Sand finished Antique copper or Antique brass (state which)	
No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set
126	$10.70	126A	$10.70	426	$11.80	726	$11.80	826	$11.80	226	$11.80
127	13.40	127A	13.40	427	14.70	727	14.70	827	14.70	227	14.70
128	30.00	128A	30.00	428	31.70	728	31.70	828	31.70	228	31.70

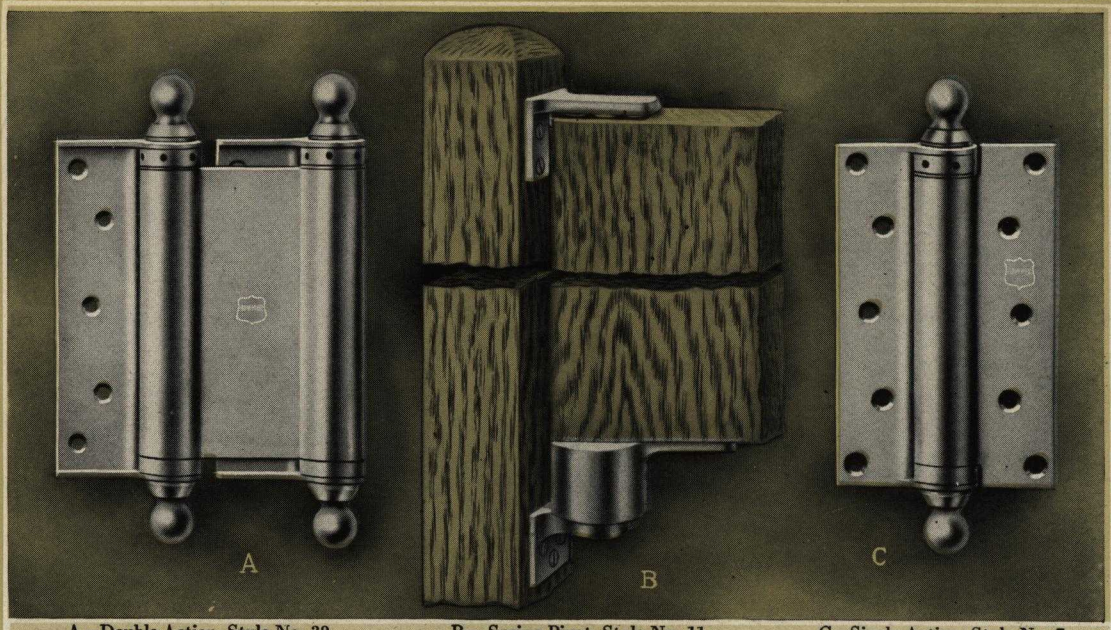
Floor Boxes for Setting Spring Pivots and Pivots without Springs into Cement or Tile Floors

No.	Each
2	$2.80
4	4.20
6	5.50
8	5.50
27	2.80
28	5.50

If cast-iron boxes are required for setting pivots into cement or tile floors, same must be specially ordered and will be charged for extra as listed above.

Packed complete, one set in a box with screws to match the finish.

Telegraph code on page 36. Table of weights on page 33.



A—Double Action, Style No. 38 B— Spring-Pivot, Style No. 11 C—Single Action, Style No. 7

Bommer Non-Sagging Spring-Pivots for Office Gates

The non-sagging office gate spring-pivots, Style No. 11, are suitable for either double acting or single acting gates, no need for cutting out or mortising gate or doorpost, although they can be mortised if so preferred. They are adapted to either wood or metal gates and railings and can be adapted to many other uses; easy to apply, save labor, and allow close fitting; back edge of gate is slightly rounded, using center of pivot as radius. Workmanship and finish unsurpassed.

Cast Iron Polished

Maximum width of handrail	Thickness of gate	Japanned dead black		Bronze or Brass plated		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes or Im. Bower-Barff	
		No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set
2½ inch	1⅛ to 2½ in.	11	$5.40	461	$8.10	311	$8.10	611	$8.10	861	$9.60	261	$9.60

Cast Bronze or Brass

Maximum width of handrail	Thickness of gate	Highly polished Bronze		Highly polished Brass		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes	
		No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set	No.	Per set
2½ inch	1⅛ to 2½ in.	111	$13.50	111A	$13.50	411	$15.00	711	$15.00	811	$15.00	211	$15.00

Bommer Spring Butt Hinges for Office Gates

Double Action, Planished Steel

Maximum width of handrail	Thickness of gate	Length of flanges	Japanned dead black		Bronze or Brass plated		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes or Im. Bower-Barff	
			No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
3¼ in.	1¼ to 2½ in.	6 in.	38	$11.40	488	$16.00	338	$16.00	638	$16.00	888	$20.50	288	$20.50

Double Action, Bronze or Brass

Maximum width of handrail	Thickness of gate	Length of flanges	Highly polished Bronze		Highly polished Brass		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes	
			No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
3¼ in.	1¼ to 2½ in.	6 in.	138	$40.30	138A	$40.30	438	$44.30	738	$44.30	838	$44.30	238	$44.30

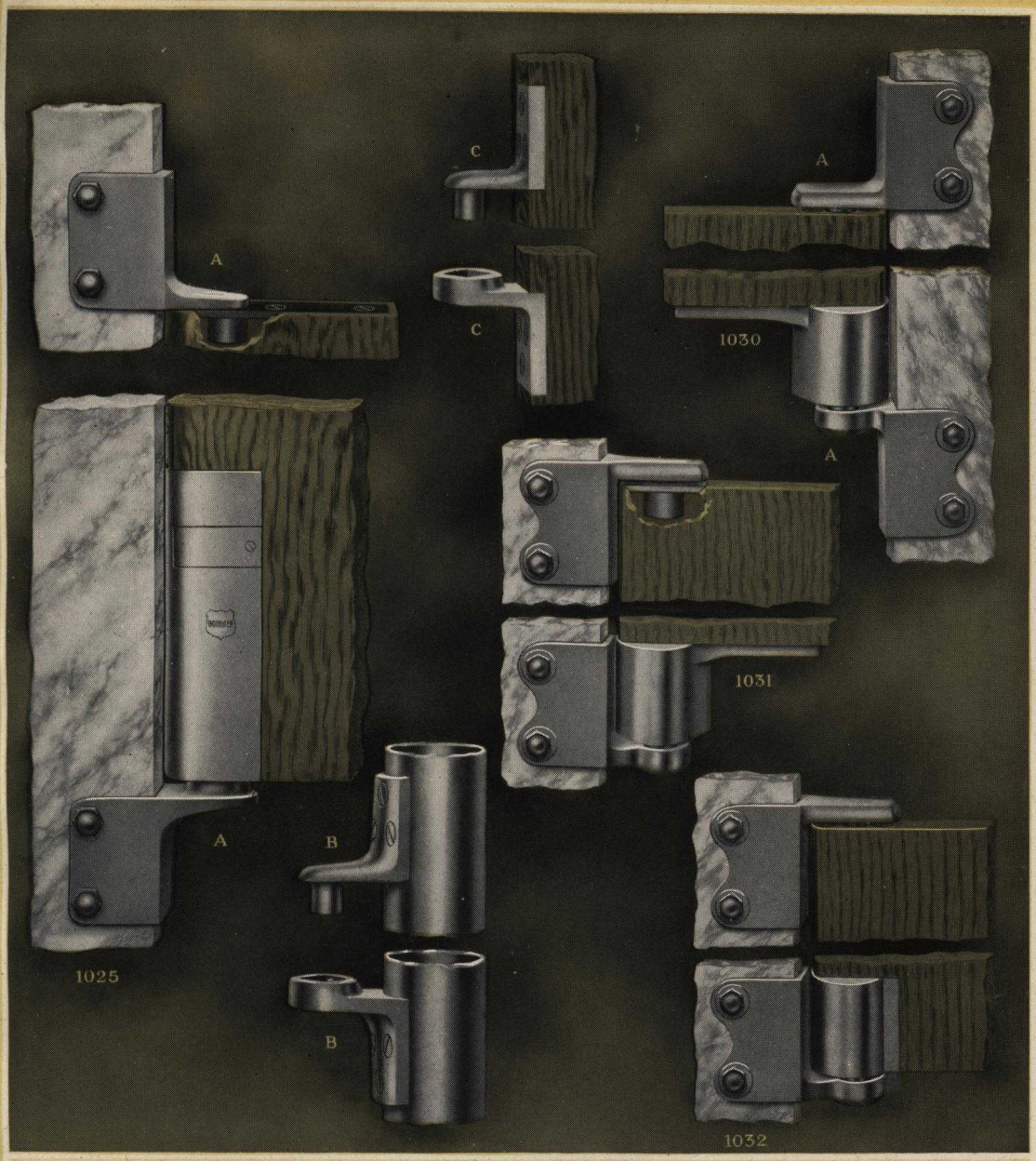
Single Action, Planished Steel

Maximum width of handrail	Thickness of gate	Length of flanges	Japanned dead black		Bronze or Brass plated		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes or Im. Bower-Barff	
			No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
4 in.	1¼ to 2½ in.	5 in.	7	$5.30	457	$7.40	307	$7.40	607	$7.40	857	$9.60	257	$9.60

Single Action, Bronze or Brass

Maximum width of handrail	Thickness of gate	Length of flanges	Highly polished Bronze		Highly polished Brass		Ant. copper or Statuary finish		Dull brass or Antique brass		Nickel plated		Sand finishes	
			No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair	No.	Per pair
4 in.	1¼ to 2½ in.	5 in.	107	$19.00	107A	$19.00	407	$20.80	707	$20.80	807	$20.80	207	$20.80

For genuine Bower-Barff finish add 10% to list price of Iron or Steel sand finish.
Prices for Silver plated or Verde antique finish quoted on application.
Packed complete, one pair or one set in a box with screws to match the finish, and instructions for applying.
Telegraph code on page 36. Table of weights on page 33.



Bommer Spring-Pivots for Lavatory Doors

For lavatory doors on marble, slate or wood partitions or for pipe-standards. For right or left-hand doors, opening in or out, made to close the door, but will hold the door open if the square-shank of the pivot is placed in the socket corresponding to the direction of opening required.

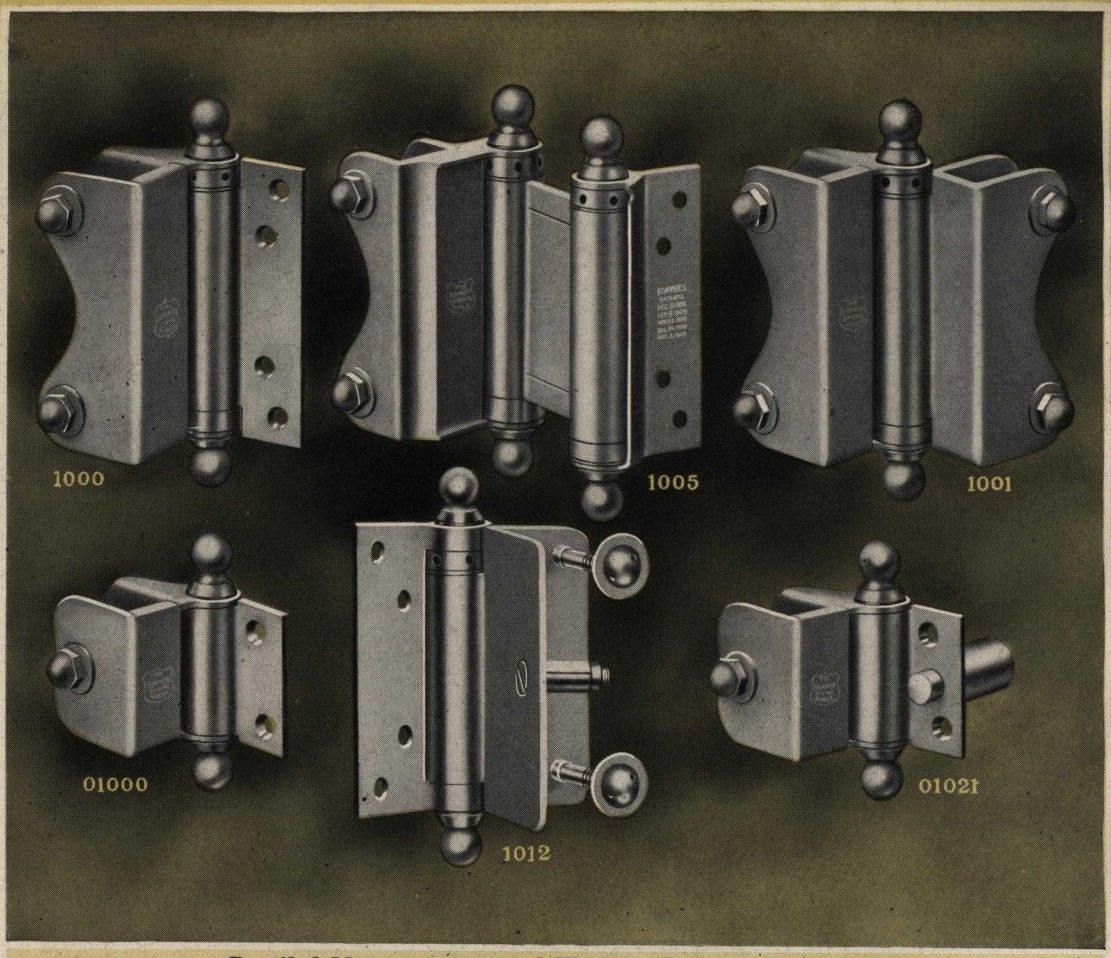
Thickness of marble must be stated. If wanted for pipe-standards, outside diameter of pipe must be stated

Type No. 1025 for doors 1⅛ to 1½ inches thick. Spring tension is adjustable.
Type No. 1030 for doors ⅞ to 1½ inch thick. Spring tension is not adjustable.

Brass Nickel Plated or Bronze Highly Polished. Price per set, Hinge and Brackets

1025 for marble, with clamp-brackets A	$19.30	**1030, 1031** or **1032** for marble, with clamp-brackets A	$17.60
1026 for pipe-standards, with concave-brackets B	17.80	**1036** for pipe-standards, with concave-brackets B	16.10
1027 for wood, with mortise-brackets C	16.70	**1037** for wood, with mortise-brackets C	15.00
1028 for wood, with surface-brackets S	16.70	**1038** for wood, with surface-brackets S	15.00

For nickeline (white metal) add 33⅓% to above prices. For statuary, dull brass or antique finishes add 10%.
Packed one set in a box with bolts and screws. *To avoid errors, order by number and state which finish is wanted.*
Telegraph code on page 36.



Detailed Measurements and Working Drawings on page 40

Bommer Clamp-Flange Spring Hinges

For lavatory doors on marble or slate partitions having hanging-stile.

Can be used for either right or left-hand doors opening in or out.

These hinges are suitable for marble or slate partitions of the following thicknesses:

1 inch 1¼ inches 1½ inches 1¾ inches 2 inches

The clamp-flange for the marble is adjustable ⅛ inch over and under above sizes to allow for variations in thickness. The single action are made to close the door, but if so specified the springs can be made reverse action, to swing door open and hold the door open, without extra charge. The clamp-flange of double action is not adjustable. *The exact thickness of both the marble and the door must be stated.*

Brass Nickel Plated or Bronze Highly Polished

Price per pair of Hinges

1000.	Length of flanges, 4 inches.	Single action, has one clamp-flange	$17.60
1001.	Length of flanges, 4 inches.	Single action, has two clamp-flanges	21.40
1005.	Length of flanges, 4 inches.	Double action, has one clamp-flange	27.20
1006.	Length of flanges, 4 inches.	Double action same as No. 1005, but has two clamp-flanges	30.90
1012.	Length of flanges, 4 inches.	Single action, has angle-flange instead of clamp-flange	18.60
1013.	Length of flanges, 3 inches.	Single action, constructed same as No. 1000. For extra light and narrow doors	14.70

Price per set, Hinge and Blank

For extra light and narrow single action lavatory doors, a hinge and blank may be used.

1000 spring hinge and **01000** blank	$14.70
1001 spring hinge and **01001** blank	17.80
1012 spring hinge and **01012** blank	15.50
1000 spring hinge and **01021** checking bumper to hold door partly open while closet is unoccupied	17.60
01000 Length of flanges, 2 inches. Blank springless, has one clamp-flange	11.80

The flanges of the blank hinges without springs and checking bumper are 2 inches in length.

For nickeline (white metal) add 33⅓% to above prices. For statuary, dull brass or antique finishes add 10%.

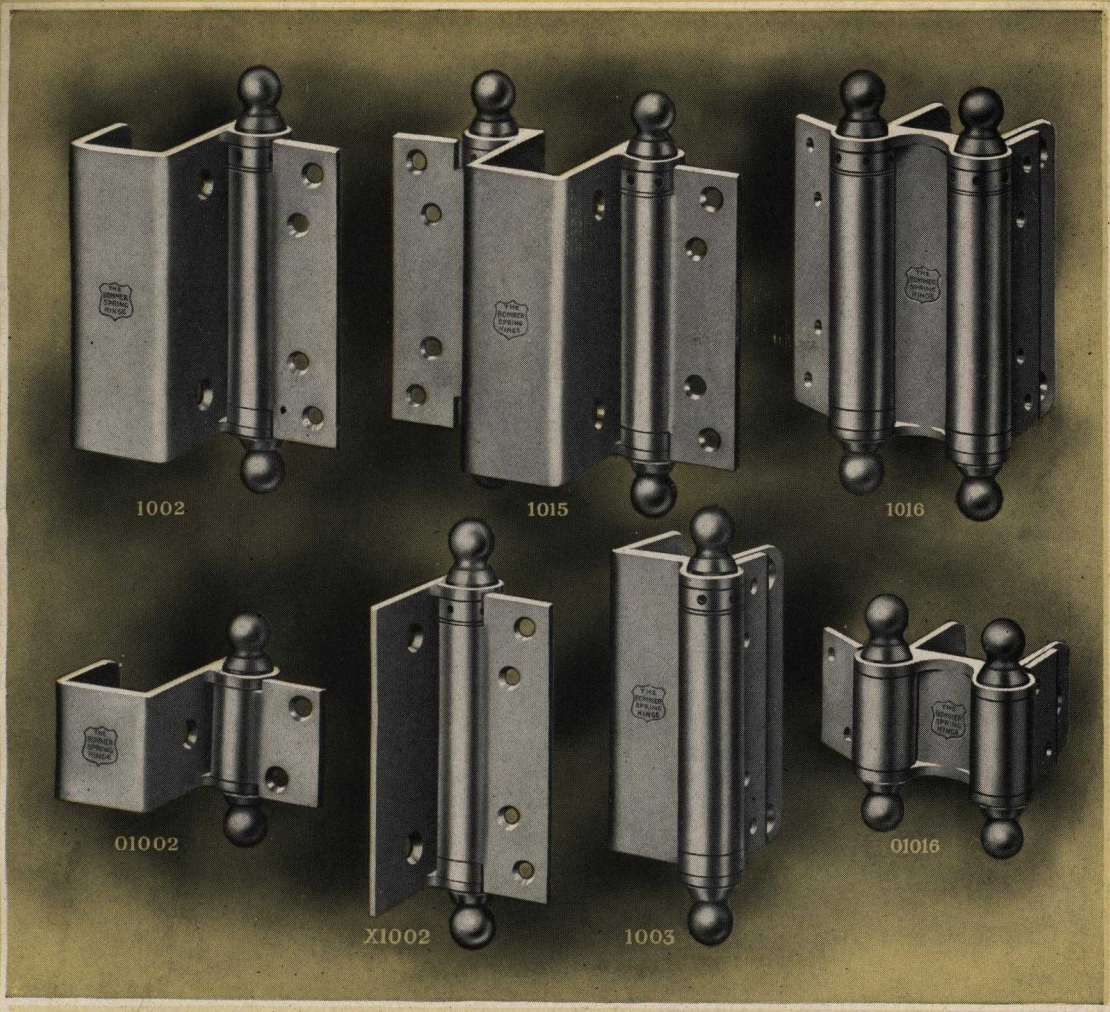
Prices for special clamp-flanged spring hinges made in accordance with United States Govt. specifications, see page 27.

For list of strikes, latches, door-bolts, etc., suitable for above hinges, see pages 24 and 25.

To avoid errors, order by number and state which finish is wanted.

Packed complete, one pair or one set in a box with bolts and screws to match the finish.

Telegraph code on page 36. Table of weights, page 33.



Bommer Clamp-Flange Spring Hinges

For lavatory doors on marble or slate partitions without hanging-stile

1015 and **1016** are for hanging two single-acting doors right and left to the same partition on one clamp-flange.
1015 and **1002** are for doors opening in and can be made to hold the doors open or closed as may be specified.
1016 and **1003** are for doors opening out; they are made only to hold the doors closed.
The flanges of the spring hinges are 4 inches in length.
The flanges of the blank hinges without springs are 2 inches in length.
The clamp-flange for the marble is not adjustable; the exact thickness of marble and door must be stated when ordering.

Brass Nickel Plated or Bronze Highly Polished

Price per pair of Hinges

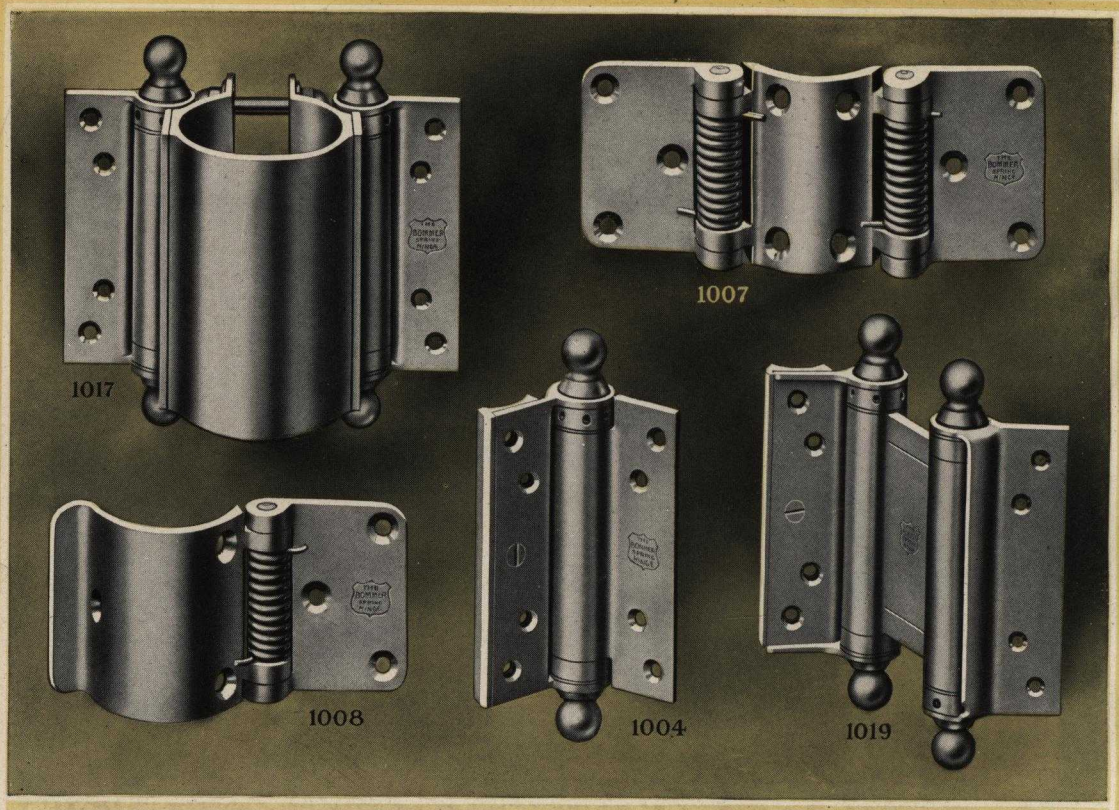
1015	Single action, for two doors, opening in	$30.30
1016	Single action, for two doors, opening out	30.30
1002	Single action, for one door, opening in	21.00
1003	Single action, for one door, opening out	21.00
X1002	Single action, opening in or out, for end stalls to fasten to the wall	15.10

Price per set, Hinge and Blank

For extra light and narrow single action lavatory doors, a hinge and blank may be used.

1015 Spring hinge and **01015** blank $25.30
1002 Spring hinge and **01002** blank 17.50
1016 Spring hinge and **01016** blank $25.30
1003 Spring hinge and **01003** blank 17.50
X1002 Spring hinge and **X01002** blank $12.60

For nickeline (white metal) add 33⅓% to above prices.
For statuary, dull brass or antique finishes add 10%.
For list of strikes, latches, door-bolts, etc., suitable for above hinges, see pages 24 and 25.
To avoid errors, order by number and state which finish is wanted.
Packed complete, one pair or one set in a box with bolts and screws to match the finish.
Telegraph code on page 36. Table of weights on page 33.



Bommer Pipe-Clamp Spring Hinges

For inter-connecting marble or slate partitions with pipe standards and lavatory doors

Forms a thoroughly reliable connection of the pipe, partition, and hinges without the need of additional clamps.

1017 and 1004 when ordered for doors opening in, can be furnished to hold the door open or closed, as may be specified; when ordered for doors opening out they are furnished only to hold the door closed.

1007 and 1008 are made only to hold the door closed. 1017, 1004 and 1019 have adjustable tension and 4-inch flanges. 1007 and 1008 are intended for light and narrow doors only; have fixed tension and 2¾-inch flanges, and are fastened to the pipe with machine screws.

Exact outside diameter of pipe and thickness of door and partition must always be stated when ordering.

Brass Nickel Plated or Bronze Highly Polished

Price per pair of Hinges

For pipe 1⅞, 2, 2⅜, and 2½-inch outside diameter.

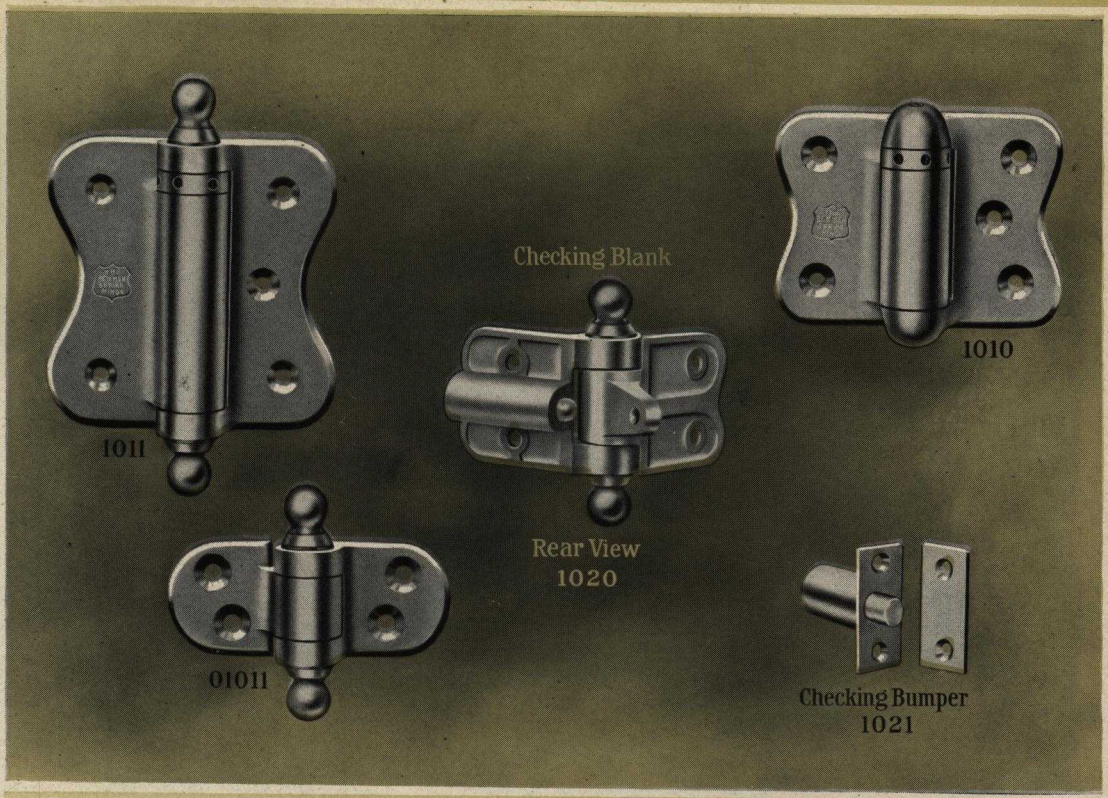
1017	For two single action doors, right and left, opening in or out	$37.20
1004	For right or left-hand single action doors, opening in or out	15.40
1007	For two single action doors, right and left, opening out	19.70
1008	Reversible for single action, right or left-hand door, opening out; with strike lip	11.50
X1008	Reversible for single action, right or left-hand door, opening out; without strike lip	10.70
1019	Double action for right or left-hand doors	24.90

Price per set, Hinge and Blank

For extra light and narrow single action lavatory doors, a hinge and blank may be used.

1017 and **01017**	$22.40
1004 and **01004**	12.90

Prices of hinges for other sizes of pipe furnished on application.
For nickeline (white metal) add 33⅓% to above prices. For statuary, dull brass, or antique finishes add 10%.
For list of strikes, latches, door-bolts, etc., suitable for above hinges, see pages 24 and 25.
To avoid errors, order by number and state which finish is wanted.
Packed complete, one pair or one set in a box, with bolts and screws to match the finish.
Telegraph code on page 36. Table of weights, page 33.



Bommer Surface Spring Hinges

Single Acting for Lavatory Doors

1011 and 1010 as regularly made close the door, but if specifically so ordered, they can be made with reverse springs to hold it open without extra charge. Each of these hinges is regularly furnished with two bolts and three wood screws; blank No. 01011, if for marble, is supplied with one bolt and two wood screws; checking blank No. 1020 with two bolts and two wood screws.

When ordering state if hinges are wanted for marble or for wood partitions. *If for marble, state thickness, so that bolts of suitable length for the marble can be sent.* If wanted for wood partitions, three wood screws for each flange are supplied.

For very light and extra narrow lavatory doors only, a hinge 1011 at the top of the door in combination with a blank 01011 at the bottom may be used. Checking blank 1020 and checking bumper 1021 hold the door partly open while the closet is unoccupied dispensing with the use of an indicator bolt. The checking blank 1020 may be used at the bottom of the door in connection with the 4-inch surface hinge 1011 at the top of the door. The checking bumper 1021 is usually mortised into the back edge of the door in connection with a pair of hinges.

Brass Nickel Plated or Bronze Highly Polished

1011	Length of flanges, 4 inches.	Price per pair	$17.20
1010	Length of flanges, 3 inches.	Price per pair	14.30

Hinge and Blank

1011 and **01011**	Price per set	$14.30

Hinge and Checking Blank

1011 and **1020**	Price per set	$17.20

Checking Bumper

1021	Including strike plate. Price each	$1.80

For list of strikes, latches, door-bolts, etc., suitable for above hinges, see pages 24 and 25.
For nickeline (white metal) add 33⅓% to above prices.
For statuary, dull brass or antique finishes add 10%.
To avoid errors, order by number and state which finish is wanted.
Packed complete, one pair or one set in a box with bolts and screws to match the finish.
Telegraph code on page 36. Table of weights, page 33.

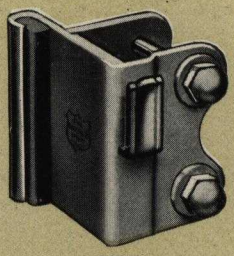
Strikes and Keepers for Lavatory Doors

on Marble or Slate Partitions

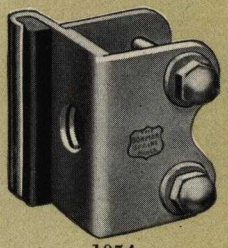
The strikes have rubber bumpers. The box to clamp to the marble of Nos. 1050 to 1060 is adjustable.
Suitable for marble or slate partitions of the following thicknesses:
1 inch 1¼ inches 1½ inches 1¾ inches 2 inches
Nos. 1050 to 1060 are adjustable ⅛ inch over and under above sizes, to allow for variations from size in the thickness of the marble.
Thickness of marble and door and finish desired must always be stated when ordering.

1050
Without bolt hole reversible for right or left hand door opening in or out.

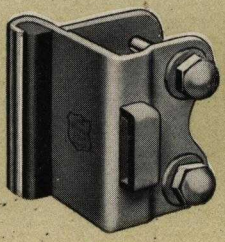
1051
For Mortise Bolt reversible for right or left hand door opening in or out.



1052
For Throw Latch reversible for right or left hand door opening in.



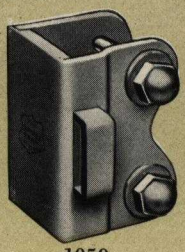
1054
For Mortise Bolt reversible for right or left hand door opening in or out.



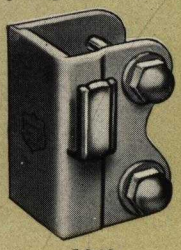
1055
For Rim Bolt reversible for right or left hand door opening in.

1056
For Throw Latch reversible for right or left hand door opening out.

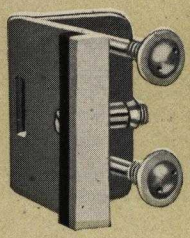
1057
For Rim Bolt reversible, right or left hand door opening out.



1059
For Rim Bolt, double-acting door, reversible.



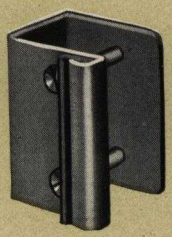
1060
For Throw Latch reversible for right or left hand double-acting door.



1062
For Rim Bolt reversible for right or left hand door opening in.

1065
Not adjustable For partition without hanging stile, door opening in.

1066
Not adjustable For partition without hanging stile, doors opening in.



1067
Not adjustable For partition without hanging stile, door opening out.

1068
Not adjustable For partition without hanging stile, doors opening out.

1070
For face of door.

1071
Reversible. For fastening to pipe.

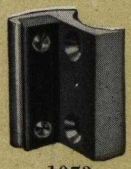
Brass Nickel Plated or Bronze Highly Polished

	Price Each
Nos. **1050, 1059, 1060**	$3.50
Nos. **1051, 1054**	3.90
Nos. **1052, 1055, 1056, 1057**	4.00
No. **1062**, cut for bolt No. **5006** or **5009**	4.20
Nos. **1065, 1067**	4.30
Nos. **1065½** or **1067½** cut for door bolt No. **5006, 5009** or **5010**	4.80
Nos. **1066, 1068**	5.30
Nos. **1066½** or **1068½** cut for bolt No. **5006, 5009** or **5010**	6.30
Packed one in a box with bolts.	
Nos. **1070** and **1072**	1.10
Packed half doz. in a box, with screws.	
No. **1071**, for fastening to pipe	1.50
No. **1073**, extra heavy, for fastening to pipe	2.30
No. **1074** same as No. **1073** with keeper for latch No. **5000**	3.00
No. **1075** same as No. **1073** with keeper for bolts **5004, 5006, 5009**	3.00

State exact outside diameter of pipe.
Packed half doz. in a box with machine screws.

For nickeline (white metal) add 33⅓% to above prices.
For statuary, dull brass or antique finishes add 10%.
Special strikes to meet other conditions than above indicated are made to order and prices will be quoted on application.
To avoid errors, order by number and state which finish is wanted.
Telegraph code on page 36.

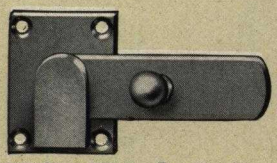
1072
Reversible. For edge of door or partition wall.



1073
Reversible. For fastening to pipe.

Lavatory Door Latches, Door-Bolts, Indicators, Etc.

Used in connection with Strikes and Keepers on page 20 for doors on Marble Partitions
If the partitions are of wood, the keepers illustrated below may be used.



5000 Plate 1½x2—Bar 3¼x⅞ in.
5001 Extra Heavy Plate 2x2—Bar 5x1½ in.

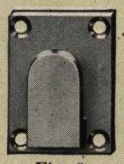
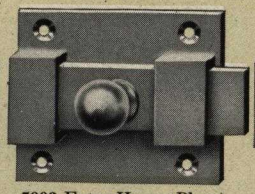


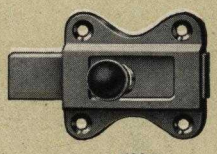
Fig. 0
Fig. 1



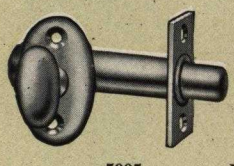
5003 Extra Heavy Plate 3x2½—Bolt 3½x$\frac{13}{16}$ in.

Fig. 3

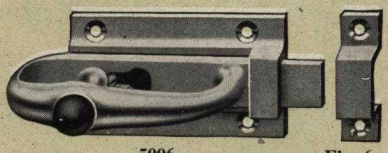
Fig. 4



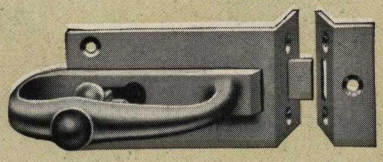
5004
Size of bolt 2¾ in.



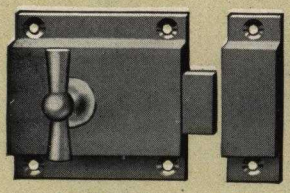
5005 Fig. 5
Face to center of handle 1¾ in.



5006 Fig. 6
Rim Bolt has rubber bumper on handle
Size of bolt 3½. Plate 2⅞x1⅝ in.

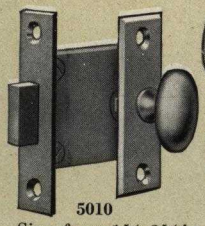


5007 Fig. 7
Mortise Bolt has rubber bumper on handle
Size of bolt 4. Plate 3¼x1⅝ in.

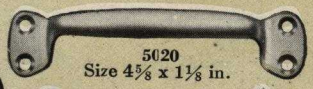


5009 Fig. 9
Size of case 2⅜x2⅝ in
Face to center of handle 1⅝ in.

5015 For doors 1 to 2 in. thick Fig. 10
Used with bolts Nos. 5009 or 5010



5010
Size of case 1⅝x2⅝ in.
Face to center of handle 1⅝ in.



5020
Size 4⅝ x 1⅛ in.

5030
Length 3¾ in. over all
Plate 1⅞ in. diam. Has rubber bumper.

Brass Nickel Plated or Bronze Highly Polished. Prices Include Screws.

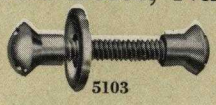
5000	Throw Latch without keeper	$4.00 each	With keeper Fig. 0	$5.10 each
5001	Throw Latch, Ex. heavy, without keeper	6.00 each	With keeper Fig. 1	6.60 each
5003	Rim Bolt, Ex. heavy, without keeper	6.70 each	With keeper Fig. 3	7.10 each
5004	Rim Bolt without keeper	1.80 each	With keeper Fig. 4	1.90 each
5005	Mortise Bolt without keeper	1.80 each	With keeper Fig. 5	1.90 each
5006	Rim Bolt without keeper	5.10 each	With keeper Fig. 6	5.30 each
5007	Mortise Bolt without keeper	5.10 each	With keeper Fig. 7	5.30 each
5009	Rim Bolt without keeper	4.00 each	With keeper Fig. 9	4.20 each
5010	Mortise Bolt without keeper	4.00 each	With keeper Fig. 10	4.20 each
5015	Indicator only (can be used in connection with bolts Nos. **5009** and **5010**)			2.00 each
5020	Door Pull			1.00 each
5030	Hat and Coat Hook with rubber bumper			3.00 each

For nickeline (white metal) add 33⅓% to above prices. For statuary, dull brass or antique finishes add 10%.

Screw Bolts, Expansion Bolts, Nuts and Washers

5100

5101



5103

5104

5107

5108

5110

5115

5116

5117

5118

5119

5120

5122

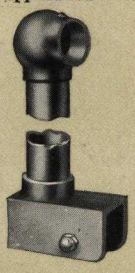
Bronze, Brass or Brass Nickel Plated, Highly Polished

5100	12-24 x 1 inch between washers. Has nuts **5115** and washers **5120**	per doz., $5.60
5101	12-24 flat-head bolt, 1 inch between face of bolt and washer **5120**, has nut **5115**	per doz., 3.50
5103	12-24 bolt, 1 inch between C. S. edge of nut **5117**. Has washer **5122**	per doz., 6.00
5104	12-24 flat-head screws. Sleeve $\frac{5}{16}$-inch x $\frac{13}{16}$-inch, length 1 inch between C. S. edges	per doz., 5.10
5107	12-24 screws, **5118**. Sleeve $\frac{5}{16}$-inch x $\frac{13}{16}$-inch, length 1 inch between edges of C. S.	per doz., 7.00
5108	12-24 screws, **5118** and **5119**, washer **5120**. Length between washer and C. S. 1 inch	per doz., 7.80
5110	Expansion ⅜ x ¾, Flat-head screw 12-24 x 1 inch	per doz., 4.80
5115	Closed bonnet nut only. ½-inch hexagon, 12-24 thread	per doz., 1.50
5116	Open bonnet nut only. ½-inch hexagon, 12-24 thread	per doz., 1.50
5117	Spanner oval head sleeve nut only. 12-24 thread	per doz., 1.80
5118	Spanner oval head screw only. 12-24 x $\frac{5}{16}$ inch	per doz., 1.20
5119	Spanner round-head screw only. 12-24 x $\frac{7}{16}$-inch under head	per doz., 1.20
5120	Washer only. ¾-inch diam., $\frac{7}{32}$-inch hole, outer edge rounded	per doz., .80
5122	Countersunk rounded edge washer. ⅞-inch diam., ⅜-inch hole	per doz., 1.20
5123	12-24 threaded rod two-foot lengths	per foot, .80

Above prices are for "bolts complete," as shown in cuts. For every additional ¼-inch above 1-inch in length add 6 cents net per dozen. For nickeline (white metal) add 33⅓%. For statuary, dull brass or antique finishes add 10%. *To avoid errors, order by number and state which finish is wanted.* Telegraph code on page 36.

Bommer Lavatory Stall-Standards

Top Standards are 12 inches in height and made for 1¼-inch stile and 1⅛-inch partition marble, unless otherwise specified. Height is from top side of marble to center of top rail. Post 1⅛-inch O. D., Ball fittings for 1⅛-inch O. D. tubing. Price on application when larger than 1⅛-inch top rail is required.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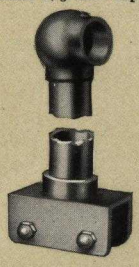
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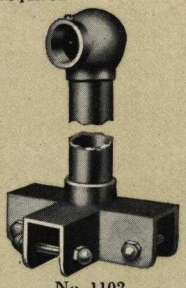
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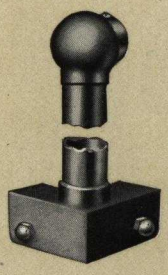
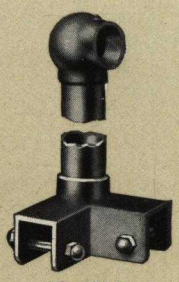

No. 1103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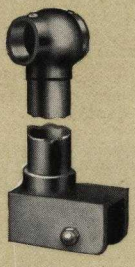
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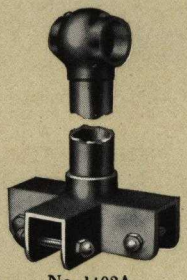
No. 1101A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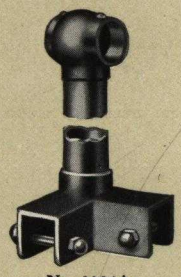
No. 1103A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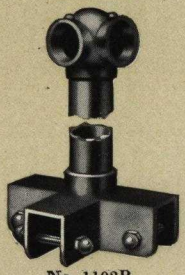
No. 1100B

No. 1101B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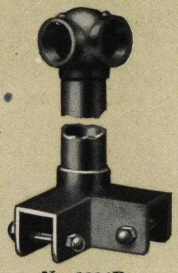
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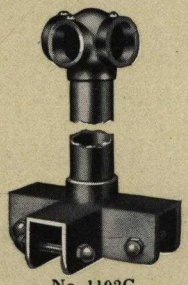
No. 1101C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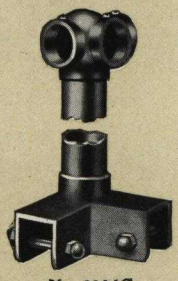
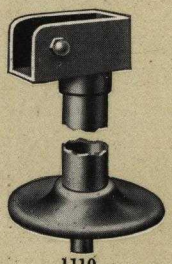
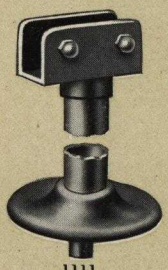
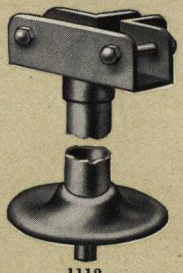
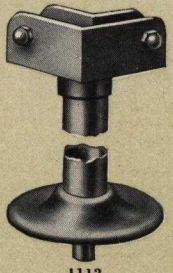

No. 1104C

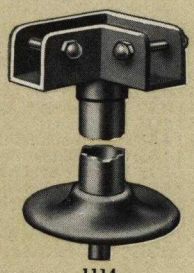
Bottom Standards are 12 inches in length and made for 1¼-inch stile and 1⅛-inch partition marble, unless otherwise specified. Height is from floor to under side of marble. Post 1⅛-inch O. D. Flange 2¾-inch diameter.


1110
End


1111
Running


1112
Front

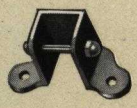

1113
Right Corner


1114
Left Corner

PRICES AND DESCRIPTION ON OPPOSITE PAGE

Bommer Lavatory Stall Fittings

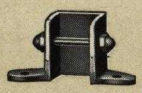
1130
Right hand when on top
Left hand when on bottom



1131
Center

1132
Left hand when on top
Right hand when on bottom

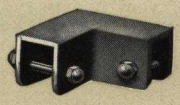
1134
Right hand



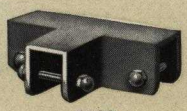
1135
Center

1136
Left hand

1137
1¾″ x 1¾″ x 1¼″



1138
Right Corner



1139
Front

1140
Cross

1141
Left Corner

1142
Wall Flange
3″

1143
Extra Heavy Floor Flange
3¾″

1144
1¼″ x 4½″

1133
1⅞″ x 1⅞″ x 1″

1145
2″ x 2″ x 3″

1146
1⅛″ O. D. Tubing

No. 1130.	End Stirrup	$3.40	No. 1138.	Top Partition Clamp, Right Corner Piece	$5.60
No. 1131.	Center Stirrup	3.80	No. 1139.	Top Partition Clamp, Front Piece	6.60
No. 1132.	End Stirrup	3.40	No. 1140.	Top Partition Clamp, Cross Piece	7.30
No. 1133.	Angle Clamp	.90	No. 1141.	Top Partition Clamp, Left Corner Piece	5.60
No. 1134.	End Partition Support	3.50	No. 1142.	Wall Flange	2.50
No. 1135.	Center Partition Support	4.00	No. 1143.	Extra Heavy Floor Flange	3.80
No. 1136.	End Partition Support	3.50	No. 1144.	Clamp Plate. Holes drilled as specified	2.40
No. 1137.	Angle Clamp	1.00	No. 1145.	Extra Heavy Angle Clamp	3.50

No. 1146. Nickel Plated Tubing, 1⅛-inch O. D. Cut to size, per foot...$1.80

Top Standards

No. 1100.	End Channel, End Ball Fitting	$8.00	No. 1102B.	Front Channel, Corner Ball Fitting	$11.40
No. 1100A.	End Channel, Straight Ball Fitting	8.20	No. 1102C.	Front Channel, Tee Ball Fitting	11.60
No. 1100B.	End Channel, Corner Ball Fitting	8.20	No. 1103.	Right Corner Channel, End Ball Fitting	9.40
No. 1100C	End Channel, Tee Ball Fitting	8.50	No. 1103A.	Right Corner Channel, Straight Ball F't'g	9.60
No. 1101.	Running Channel, End Ball Fitting	8.10	No. 1103B.	Right Corner Channel, Corner Ball Fitting	9.60
No. 1101A.	Running Channel, Straight Ball Fitting	8.30	No. 1103C.	Right Corner Channel, Tee Ball Fitting	9.90
No. 1101B.	Running Channel, Corner Ball Fitting	8.30	No. 1104.	Left Corner Channel, End Ball Fitting	9.40
No. 1101C.	Running Channel, Tee Ball Fitting	8.60	No. 1104A.	Left Corner Channel, Straight Ball Fitting	9.60
No. 1102.	Front Channel, End Ball Fitting	11.10	No. 1104B.	Left Corner Channel, Corner Ball Fitting	9.60
No. 1102A.	Front Channel, Straight Ball Fitting	11.40	No. 1104C.	Left Corner Channel, Tee Ball Fitting	9.90

Bottom Standards

No. 1110.	Bottom Standard, End Piece	$7.80	No. 1113.	Bottom Standard, Right Corner Piece	$8.00
No. 1111.	Bottom Standard, Running Piece	7.90	No. 1114.	Bottom Standard, Left Corner Piece	8.00
No. 1112.	Bottom Standard, Front Piece	9.50	No. 1115.	Bottom Standard, Cross Piece	11.40

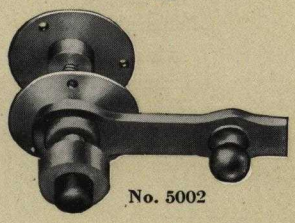
Prices include bolts as shown in illustrations. Nickel plated on brass is furnished unless otherwise specified. Set screws are provided to secure tubing. State thickness of marble of backs, partitions and stiles. Also made for wood partitions. Hand of fittings is determined same as hand of door, as you face the stall. Prices quoted on application for goods deviating from above dimensions and combinations. Fittings made as per Government specifications, prices on application.

Illustrated on opposite page

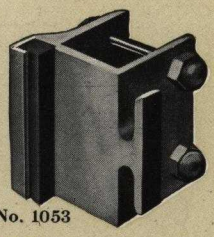
Lavatory Door Trim

"Government Type"

No. G1001



No. 5002



No. 1053

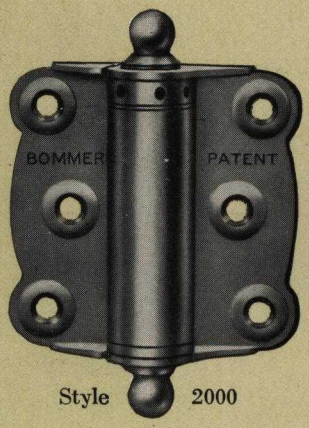
Polished Brass, Nickel Plated

No. G1001. Spring Hinge (single action)..... Price per pair, $25.80
No. 1053. Strike and Keeper (right or left hand door, opening in), Price each, 4.90
No. 5002. Throw Latch (with rubber buffer)..... Price each, 6.90
With bolts and screws complete.

Furnished with reversed springs to hold door open, unless otherwise specified.
Thickness of marble and door must always be stated when ordering.
The above hinges, strike and latch are in accordance with the United States Government specifications.

Bommer Screen-Door Spring Hinges

For closing doors automatically



Style 2000

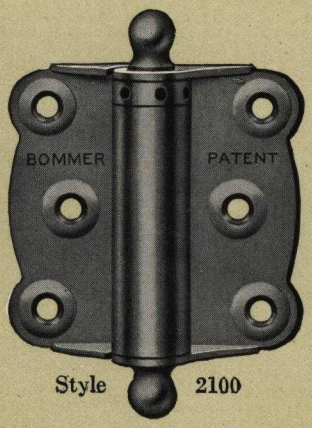
Style 2000. Extra Heavy Wrought Metal

3 x 3 Inches. Recommended for High-Class Work

Has adjustable tension and enclosed oil-tempered steel coil-spring. This hinge is made of very heavy metal and is extremely durable. The workmanship is accurate, the finish superb. The tension of the spring can be regulated to close the door slow or fast, after the hinge is applied.

2000.	Planished Steel,	Japanned Dead Black	per pair	$2.40
2001.	" "	Bronze Plated	"	3.00
2002.	" "	Antique Copper Finish	"	3.00
2003.	" "	Dull Brass Finish	"	3.00
2004.	" "	Nickel Plated	"	4.00
2005.	" "	Sand Blast Finishes	"	4.00
2006.	" "	Imitation Bower-Barff	"	4.00
2007.	" "	Genuine Bower-Barff	"	4.80
2010.	Bronze Metal,	Highly Polished	"	6.10
2011.	Brass Metal,	Antique Copper Finish	"	6.80
2012.	" "	Dull Brass Finish	"	6.80
2013.	" "	Nickel Plated	"	6.80

One pair in a box, with screws to match the finish.



Style 2100

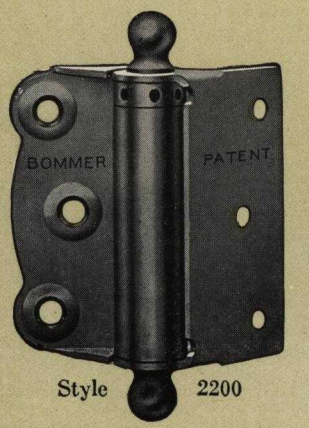
Style 2100. Heavy Wrought Metal

3 x 3 Inches

Has adjustable tension. The coil-spring is entirely enclosed and is made of best oil-tempered steel wire. This hinge is of excellent workmanship and finish, and is made of heavy metal. The tension of the spring can be regulated after the hinge is applied to the door.

2100.	Planished Steel,	Japanned Dead Black	per pair	$1.90
2101.	" "	Bronze Plated	"	2.50
2102.	" "	Antique Copper Finish	"	2.50
2103.	" "	Dull Brass Finish	"	2.50
2104.	" "	Nickel Plated	"	3.30
2105.	" "	Sand Blast Finishes	"	3.30
2106.	" "	Imitation Bower-Barff	"	3.30
2107.	" "	Genuine Bower-Barff	"	3.90
2110.	Bronze Metal,	Highly Polished	"	5.20
2111.	Brass Metal,	Antique Copper Finish	"	5.80
2112.	" "	Dull Brass Finish	"	5.80
2113.	" "	Nickel Plated	"	5.80

One pair in a box, with screws to match the finish.



Style 2200

Style 2200. Half Surface Hinge Heavy Wrought Metal

3 x 3 Inches

A time saver. One leaf is fastened to the casing, the other leaf is fastened to the surface of the door.

Has adjustable tension. The coil-spring is entirely enclosed and made of best oil-tempered steel wire. A hinge of excellent workmanship and finish, made of heavy metal. The tension of the spring can be regulated after the hinge is applied to the door.

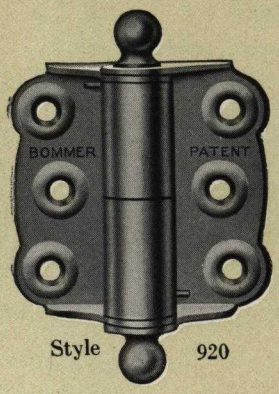
2200.	Planished Steel,	Japanned Dead Black	per pair	$1.90
2201.	" "	Bronze Plated	"	2.50
2202.	" "	Antique Copper Finish	"	2.50
2203.	" "	Dull Brass Finish	"	2.50
2204.	" "	Nickel Plated	"	3.30
2205.	" "	Sand Blast Finishes	"	3.30
2206.	" "	Imitation Bower-Barff	"	3.30
2207.	" "	Genuine Bower-Barff	"	3.90
2210.	Bronze Metal,	Highly Polished	"	5.20
2211.	Brass Metal,	Antique Copper Finish	"	5.80
2212.	" "	Dull Brass Finish	"	5.80
2213.	" "	Nickel Plated	"	5.80

One pair in a box, with screws to match the finish.

Telegraph code on page 36. Table of weights, page 33.

Bommer Screen-Door Spring Hinges

For closing doors automatically



Style 920

Style 920. Wrought Steel, with Ball Tips

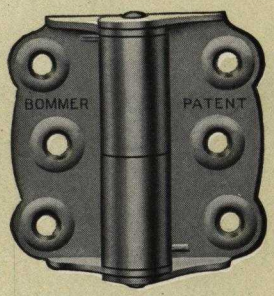
2¾ x 2¾ Inches

Has two bearing joints, no matter which end of the hinge is uppermost, thereby greatly increasing its strength and durability. Has enclosed oil-tempered spiral coil-spring and well designed ball tips.

A handsome, well finished and thoroughly satisfactory article.

920.	Planished Steel, Japanned	per doz. pairs	$11.40
921.	" " Bronze Plated	"	14.80
922.	" " Antique Copper Finish	"	14.80
923.	" " Dull Brass Finish	"	14.80
924.	" " Nickel Plated	"	16.30

One pair in a box, with screws to match the finish. Half gross pairs in a case.



Style 900

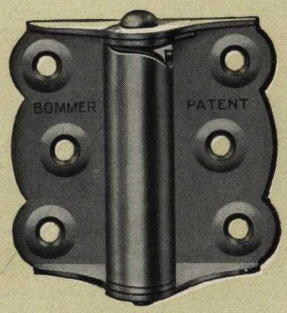
Style 900. Wrought Steel

2¾ x 2¾ Inches

Has two bearing joints, no matter which end of the hinge is uppermost, thereby greatly increasing its strength and durability. Has enclosed oil-tempered spiral coil-spring. A handsome, well finished and thoroughly satisfactory article.

900.	Japanned	without screws, per doz. pairs	$6.20
900½.	"	with screws " " "	7.40
901.	Bronze Plated, with screws to match	" " "	10.10
902.	Antique Copper Finish, with screws to match	" " "	10.10
903.	Dull Brass Finish, with screws to match	" " "	10.10
904.	Nickel Plated with screws to match	" " "	11.20

One dozen pairs in a box. One gross pairs in a case.



Style 960

Style 960. Detachable. Wrought Steel

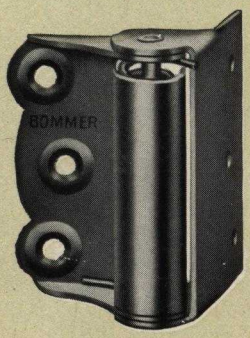
2¾ x 2¾ Inches

A detachable screen-door hinge sometimes proves convenient. To detach this hinge, open the door and push the end of the spring down into the hook on the barrel and withdraw the pintle; then take the door down without unscrewing.

This hinge has enclosed oil-tempered steel coil-spring, is well made and will give good service.

960.	Japanned	without screws, per doz. pairs	$5.90
960½.	"	with screws " " "	7.10
961.	Bronze Plated, with screws to match	" " "	9.50
962.	Antique Copper Finish, with screws to match	" " "	9.50
963.	Dull Brass Finish, with screws to match	" " "	9.50
964.	Nickel Plated with screws to match	" " "	10.50

One dozen pairs in a box. One gross pairs in a case.



Style 970

Style 970. Half Surface Wrought Steel

2¾ x 2¾ Inches

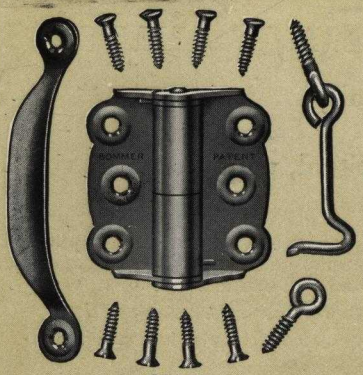
A time saver. One leaf is fastened to the casing, the other leaf is fastened to the surface of the door.

This hinge has enclosed oil-tempered steel coil-spring, is well made and will give good service.

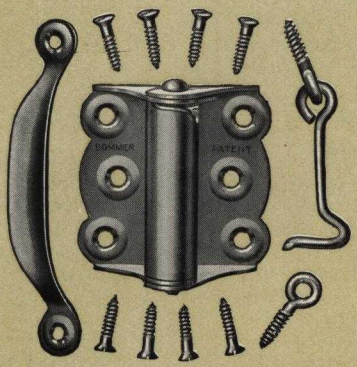
970.	Japanned	without screws, per doz. pairs	$8.90
970½.	"	with screws " " "	10.10
971.	Bronze Plated, with screws to match	" " "	11.90
972.	Antique Copper Finish, with screws to match	" " "	11.90
973.	Dull Brass Finish, with screws to match	" " "	11.90
974.	Nickel Plated with screws to match	" " "	13.10

One dozen pairs in a box. One gross pairs in a case.

Telegraph code on page 36. Table of weights, page 33.



1900



1960

Style 1980

Style 1600

Bommer Screen-Door Sets

Wrought Steel

Put up in a neat box, all complete, ready for use

	Per doz. sets
Set No. **1900** consists of 1 pair Japanned Spring Hinges, No. 900 1 Door Pull, style 6000, Japanned, 4¾ inches 1 Hook and Eye, style 6005, 2½ inches 14 Wood Screws	$9.20
Set No. **1901** Same articles as No. 1900, but all Bronze Plated	12.50
Set No. **1902** Same articles as No. 1900, but all Ant. Copper Finish	12.50
Set No. **1903** Same articles as No. 1900, but all Dull Brass Finish	12.50
Set No. **1904** Same articles as No. 1900, but all Nickel Plated	13.80
Set No. **1960** consists of 1 pair Japanned Spring Hinges, No. 960 1 Door Pull, style 6000, Japanned, 4¾ inches 1 Hook and Eye, style 6005, 2½ inches 14 Wood Screws	8.80
Set No. **1961** Same articles as No. 1960, but all Bronze Plated	11.80
Set No. **1962** Same articles as No. 1960, but all Ant. Copper Finish	11.80
Set No. **1963** Same articles as No. 1960, but all Dull Brass Finish	11.80
Set No. **1964** Same articles as No. 1960, but all Nickel Plated	13.10

Style 1980. Wrought Steel Door Pulls

4¾ Inches

1980.	Planished Steel,	Japanned, without screws	per gross	$4.90
1980½.	" "	" with screws	"	7.00
1981.	" "	Bronze Plated, with screws	"	9.20
1982.	" "	Ant. Cop. Finish " "	"	9.20
1983.	" "	Dull Brass Finish " "	"	9.20
1984.	" "	Nickel Plated " "	"	12.40

Bommer Door Holders

(Operated by the Foot)

This is the best, strongest and most ingenious door holder of its type. Injury of the door is avoided as the foot-plate moves with the plunger-rod and is spaced away from the door. The plunger-rod being U-shaped cannot turn in the casing. The casing is formed from a single piece of metal; no screw holes are underneath the moving part. The rubber tip prevents marring or slipping on any floor. The appearance is attractive, the finish superb and the article is efficient. (See illustration of door, top of page 3.)

Length—6½ inches. Will reach 1½ inches from door to floor.

Prices

1600.	Planished Steel,	Japanned Dead Black	per dozen	$21.30
1601.	" "	Bronze Plated	"	25.40
1602.	" "	Antique Copper Finish	"	25.40
1603.	" "	Dull Brass Finish	"	25.40
1604.	" "	Nickel Plated	"	29.50
1605.	" "	Sand Blast Finishes	"	29.50
1606.	" "	Genuine Bower-Barff Finish	"	35.60
1610.	Bronze Metal,	Highly Polished	"	37.60
1611.	Brass Metal,	Antique Copper Finish	"	40.70
1612.	" "	Dull Brass Finish	"	40.70
1613.	" "	Nickel Plated	"	44.80
1614.	" "	Sand Blast Finishes	"	44.80

Half dozen in a box, with screws to match the finish.

To avoid errors, order by number and state which finish is wanted.

Telegraph code on page 36. Table of weights, page 33.

Style 2400

Bommer Door Springs

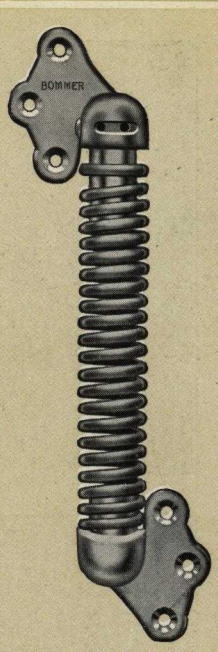
For closing doors automatically

Extra Heavy Cast Metal

These door springs are unequalled for strength, durability and finish, and for convenience in handling for the dealer as well as for the carpenter and user.

They are sold completely assembled; the parts cannot become separated from each other; the coil springs are made of high-grade steel wire; the tension is adjustable and can be conveniently regulated after the door spring is in place on the door by the aid of a wire nail or rod; no wrenches, levers or special tools are required.

To avoid errors, order by number and state which finish is wanted.



Style 2500

Style 2400. Steel Springs, Iron Heads

Length over all	Japanned bright black		Bronze plated		Antique copper mottled		Dull brass finish		Nickel plated	
	No.	Per gross	No.	Per doz.	No.	Per doz.	No.	Per doz.	No.	Per doz.
9 inches	2400	$43.70	2401	$12.60	2402	$12.60	2403	$12.60	2404	$14.20
10 inches	2400½	55.60	2401½	14.70	2402½	14.70	2403½	14.70	2404½	16.10
11 inches	2410	67.40	2411	16.70	2412	16.70	2413	16.70	2414	18.40
12 inches	2420	86.80	2421	18.80	2422	18.80	2423	18.80	2424	20.50
13 inches	2430	98.60	2431	20.80	2432	20.80	2433	20.80	2434	22.90
14 inches	2440	130.50	2441	25.40	2442	25.40	2443	25.40	2444	28.00

Style 2400. Steel Springs, Bronze or Brass Heads

Length over all	Highly polished bronze		Highly polished brass		Antique copper mottled		Dull brass finish		Nickel plated on brass	
	No.	Per dozen	No.	Per doz.	No.	Per doz.	No.	Per doz.	No.	Per doz.
9 inches	2405	$19.00	2406	$19.00	2407	$21.00	2408	$21.00	2409	$21.00
10 inches	2405½	21.10	2406½	21.10	2407½	23.30	2408½	23.30	2409½	23.30
11 inches	2415	23.10	2416	23.10	2417	25.40	2418	25.40	2419	25.40
12 inches	2425	26.80	2426	26.80	2427	29.50	2428	29.50	2429	29.50
13 inches	2435	30.50	2436	30.50	2437	33.60	2438	33.60	2439	33.60
14 inches	2445	41.50	2446	41.50	2447	45.60	2448	45.60	2449	45.60

Style 2500. Steel Springs, Iron Heads

Length over all	Japanned bright black		Japanned ends Nickeled springs		Bronze plated		Antique copper mottled		Dull brass finish		Nickel plated	
	No.	Per gross	No.	Per gross	No.	Per doz.	No.	Per doz.	No.	Per doz.	No.	Per doz.
7 inches	2500	$52.80	2500A	$79.20	2501	$14.50	2502	$14.50	2503	$14.50	2504	$16.00
8 inches	2510	71.30	2510A	110.90	2511	19.60	2512	19.60	2513	19.60	2514	21.60
10 inches	2520	110.90	2520A	158.40	2521	30.60	2522	30.60	2523	30.60	2524	33.70

Style 2500. Steel Springs, Bronze or Brass Heads

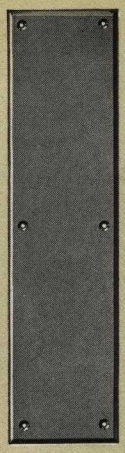
Length over all	Highly polished bronze		Highly polished brass		Antique copper mottled		Dull brass finish		Nickel plated on brass	
	No.	Per dozen	No.	Per doz.	No.	Per doz.	No.	Per doz.	No.	Per doz.
7 inches	2505	$26.40	2506	$26.40	2507	$29.00	2508	$29.00	2509	$29.00
8 inches	2515	35.60	2516	35.60	2517	39.20	2518	39.20	2519	39.20
10 inches	2525	55.40	2526	55.40	2527	60.90	2528	60.90	2529	60.90

Japanned door springs are packed without screws. Only door springs in plated finishes and bronze or brass are packed with screws. Instructions for applying in each package.

9, 10, 11 and 12 inch sizes style 2400 and 7 inch size style 2500, are packed one dozen in a box; 13 and 14 inch sizes style 2400 and 8 and 10 inch sizes style 2500, are packed half dozen in a box.

If door springs with wrought metal heads are wanted, double above prices.

Telegraph code on page 36. Table of weights on page 33.



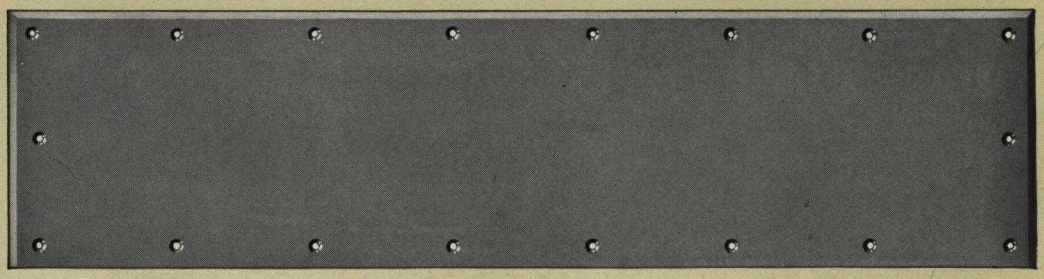
Push Plates

Made of Polished Bronze Sheet Metal. All four edges beveled.

Thickness, 14 Gauge, B. & S. Price Each, Including Oval Head Screws

Width in Inches	Length in Inches						
	7	8	9	10	12	14	16
2½	$1.06	1.20	1.36	1.52	1.82	2.12	2.44
3	$1.28	1.46	1.64	1.82	2.18	2.53	2.88
3½	$1.52	1.72	1.94	2.12	2.52	3.00	3.38
4	$1.72	1.96	2.18	2.42	2.90	3.38	3.88
5	$2.12	2.42	2.72	3.02	3.64	4.24	4.86

Intermediate sizes not listed, take price of next larger size.



Kick Plates

Made of Polished Bronze Sheet Metal. Top edge and two side edges beveled.

Thickness, 14 Gauge, B. & S. Price Each, Including Oval Head Screws

Width in Inches	Length in Inches															
	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
6	$5.46	6.06	6.68	7.28	7.90	8.50	9.10	9.82	10.32	10.92	11.52	12.14	12.76	13.36	13.96	14.56
7	$6.38	7.08	7.78	8.50	9.22	9.92	10.62	11.32	12.10	12.76	13.36	14.16	14.86	15.58	16.30	17.00
8	$7.28	8.10	8.90	9.72	10.52	11.32	12.14	12.96	13.76	14.56	15.38	16.20	17.00	17.82	18.60	19.42
9	$8.20	9.10	10.00	10.92	11.84	12.74	13.66	14.56	15.48	16.38	17.30	18.20	19.12	20.04	20.94	21.86
10	$9.10	10.12	11.12	12.14	13.16	14.16	15.18	16.18	17.20	18.22	19.22	20.24	21.32	22.26	23.28	24.28
11	$10.00	11.12	12.24	13.34	14.48	15.58	16.70	17.82	18.92	20.04	21.14	22.26	23.38	24.48	25.58	26.70
12	$10.92	12.14	13.34	14.56	15.80	17.00	18.22	19.42	20.64	21.86	23.08	24.28	25.50	26.70	27.94	29.14
14	$13.74	15.28	16.84	18.34	19.88	21.40	22.94	24.46	26.00	27.50	29.06	30.58	32.12	33.66	35.20	36.70
16	$16.90	18.76	20.64	22.52	24.40	26.26	28.16	30.00	31.90	33.76	35.66	37.52	39.40	41.28	43.18	45.00
18	$20.30	22.56	24.84	27.10	29.34	31.58	33.88	36.12	38.38	40.66	42.90	45.16	47.40	49.14	51.96	54.18

Intermediate sizes not listed, take price of next larger size.

Prices for Other Finishes

For Polished Brass deduct 10% from above list prices.
For Dull Brass, Antique Copper, Antique Brass, Statuary Bronze, or Nickel finish, add 25% to above list prices.
For Sand Blast Finish in Antique Copper or Antique Brass or Dead Black add 33⅓% to above list prices.
For Verde Antique finish, add 40% to above list prices.
Genuine Bower-Barff finish on Steel, same price as Polished Bronze.

Prices for Other Thicknesses

For No. 11 gauge add 25% to above list prices.
For No. 8 gauge add 85% to above list prices.
For No. 16 gauge deduct 20% from above list prices.
If Kick Plates are wanted square edge not beveled, deduct one cent per lineal foot of edge. Screw holes are spaced about 4 inches between centres.
Prices of other Finishes for goods on this page furnished on application.
Discounts on Push and Kick Plates subject to change without notice.

Copyright, 1922, Bommer Spring Hinge Company, Manufacturers, Brooklyn, N. Y., U. S. A.

Comparison of Hardware Finishes

Description	Bommer	P. & F. Corbin	Russell & Erwin	Yale & Towne	Reading Hdw.Co.	Sargent & Co.	Lock-wood Co.	Penn. Hdw.Co.	Bommer code-word finish suffixes
Brass or Brass plated, natural color	A	A	10	A Z 10	31	B	13½	P B	bac
Bronze or Bronze plated, natural color	B	B	11	B Z 10	1	P	29	P B Z	....
Copper plated, natural color	C	C C	7 B	C Z 10	15	....	66	P C	cal
Nickel " highly polished	N	E	4	N Z 10	80	N	5	P N	nic
Silver " " "	X	B S	5	S Z 10	41	S	75	P S	sal
Dull or old Brass	D A	E A	9	A Y 10	37	O B	13	D B	bic
Antique Brass, mottled	M A	H A	9½	A Z 17	34	E B	14	A B	bam
" " light	L A	K A	9 C	A Y 22	32	O E	43	....	bel
Dull Bronze	D B	D B	11D	B Y 10	7	O P	34	D B Z	fil
Antique Bronze, light	L B	H B	2	B Y 22	2	A	35	....	fon
" Copper, mottled	M C	R	7½	C Z 17	24	A B	72	A C	....
" " light	L C	E R	7 C	C Y 22	22	L B	60	....	cia
Statuary or chocolate finish	O C	L B	7	B Y 65	2	A 3 B	2	P B Z 4	cho
Dull Silver	D X	D S	8 S	S Y 10	47	L S	75	L S	sid
Antique Silver, mottled	M X	S H	8½	S Y 17	44	C S	71	C S	sea
" " light	L X	K S	8 C	S Y 22	42	L S	72	L S	ser
Sand blast Brass, natural color	S A	S E A	09	A X 10	38	R E	48	B S	bue
" " " Antique mottled	S M A	S H A	0 9½	A X 17	35	R K	46	A B S	bis
" " " " light	S L A	S K A	0 9 C	A X 22	33	R D	14½	B S 7	bra
" " Copper " mottled	S M C	S R	0 7½	C X 17	25	R B	63	A C S	....
" " " " light	S L C	S E R	0 7 C	C X 22	23	R L	18	A C S L	cal
" " " " chocolate	S O C	S L B	07	B X 65	23 R	R A	65	....	cru
" " Silver, natural color	S X	S B	8 S	S X 10	48	R S	76	S S	sta
" " Antique Silver, mottled	S M X	S H S	0 8½	S X 17	44	R O	74	O S S	soa
" " " " light	S L X	S K S	0 8 C	S X 22	49	R H	76	....	sor
Bower Barff	R	F	46	F X 80	87	B B	31	R P	dar
" " imitation electroplated	R I	K F	06	C X 90	87½	B N	6	I R P	dul
Verde Antique	V	V	36	A X 67	90	V A	32	V	ver
Nickeline (white metal)	W								

Above table compares a number of established finishes; we can also furnish Bommer Spring Hinges to match any sample.

Table of Weights

Spring Butt Hinges

Length of flanges	Weight per pair, packed complete with screws: Double Action	Weight per pair, packed complete with screws: Single Action
3 in.	2⅜ lbs.	1⅓ lbs.
4 "	3⅝ "	1⅞ "
5 "	5½ "	2⅞ "
6 "	8 "	4¼ "
7 "	10⅞ "	6¼ "
8 "	16 "	8⅞ "
10 "	23 "	11¾ "
12 "	35 "	17½ "

Ever Ready

Length of flanges	Weight per pair, packed complete with screws: Double Action	Weight per pair, packed complete with screws: Single Action
3 in.	2½ lbs.	1⅓ lbs.
4 "	3⅞ "	1⅞ "
5 "	5⅝ "	2⅞ "
6 "	8⅜ "	4¼ "
7 "	11¼ "	6¼ "
8 "	16⅝ "	8⅞ "

Spring-pivots

Weight per set, complete with side plates, top pivot and screws	
No. 10	4⅝ lbs.
" 12	6⅞ "
" 14	12¾ "
" 20	5½ "
" 22	7¾ "
" 24	13½ "
" 15	3¾ "
" 16	9¼ "
" 18	3¾ "
" 19	9⅜ "
" 2	6 "
" 4	8¼ "
" 6	13½ "
" 8	15 "

Screen Door Hinges

Style 2000—One pair, with screws, complete, 1⅓ lbs.
Style 2100—One pair, with screws, complete, 1¼ lbs.
Style 2200—One pair, with screws, complete, 1¼ lbs.
Style 920—One pair, with screws, complete, ¾ lbs.
Style 900—One dozen pairs, without screws, 7 lbs.
Style 960—One dozen pairs, without screws, 7⅜ lbs.
Style 970—One dozen pairs, without screws, 7½ lbs.

Screen Door Sets

Style 1900—One dozen sets complete, 9⅛ lbs.
Style 1960—One dozen sets complete, 9⅛ lbs.

Door Springs

Weight per gross without screws

No. 2400	81 lbs.
" 2400½	107½ "
" 2410	127¾ "
" 2420	135¾ "
" 2430	186 "
" 2440	262 "
" 2500	96¾ "
" 2510	171 "
" 2520	255 "

For other finishes with screws style 2400 add 5% style 2500 add 10% to the above Weights

Door Pulls

Style No. 1980
Weight per gross without screws 6¼ lbs. with screws 7 lbs.

Door Holder

Weight per Dozen No. 1600, 7½ lbs

Office Gate

Spring Pivots Style No. 11
Weight per set 3⅜ lbs.

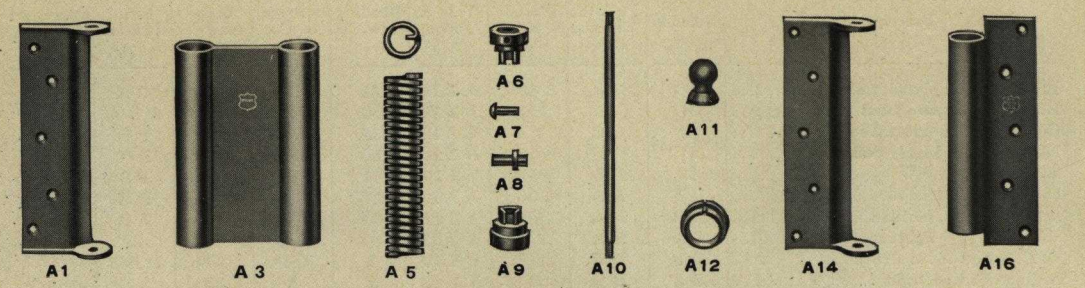
Above weights include the cartons but not the packing case.

To figure gross weights including packing case, add 10% to above weights.

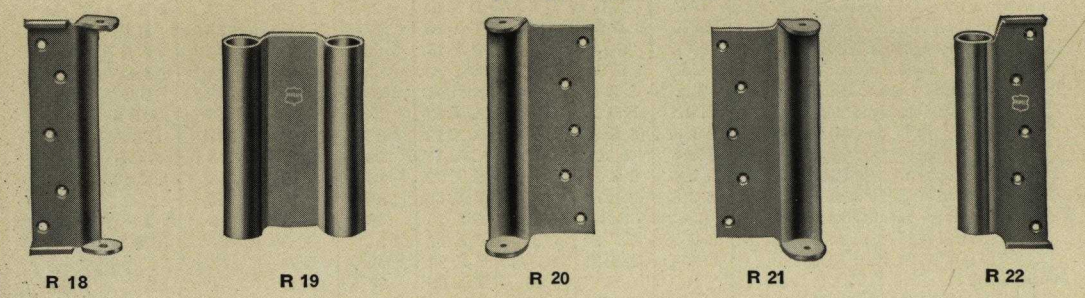
Parts for Bommer Spring Hinges and Spring Pivots

When ordering springs for old model double action spring butt hinges, state if right hand or left hand spring is wanted

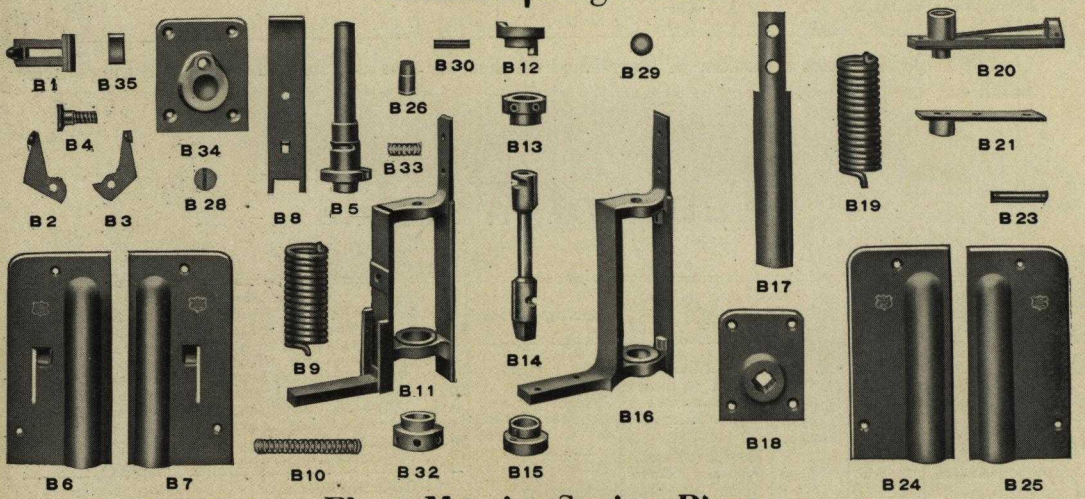
Spring Butt Hinges



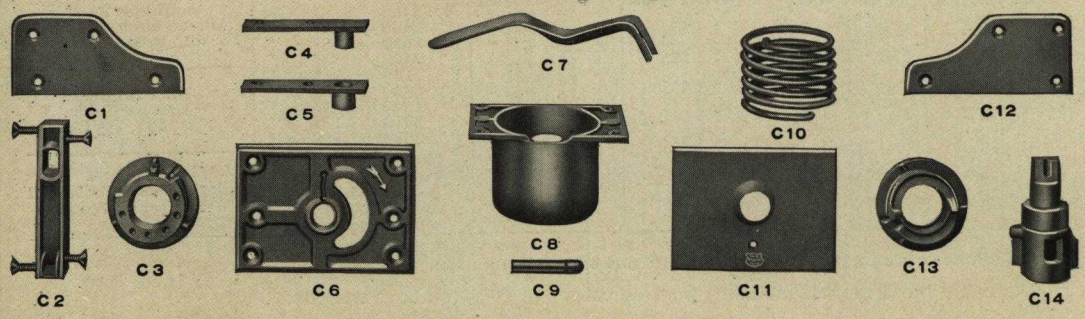
Ever Ready Spring Hinges



Vertical Spring Pivots



Floor Mortise Spring Pivots



Prices of Parts for Bommer Spring Hinges and Spring Pivots

Illustrated on opposite page

To avoid errors, order the part wanted by its number and state size of hinge and which finish is desired. When ordering springs for old model double action spring butt hinges, state if right or left hand spring is wanted.

Dimensions of Springs for Spring Butt Hinges, Double Action and Single Action.

Size of Hinge	3″	4″	5″	6″	7″	8″	10″	12″
Length of Spring	1⅝″	2¾″	3¾″	4½″	5⅜″	6″	8″	9½″
Diameter of Spring	23/32″	¾″	13/16″	15/16″	1 1/32″	1 3/16″	1 9/32″	1 15/32″

Double Action Spring Butt Hinges, three leaf type

Size of hinge	A1	A3	A5	A6	A7	A8	A9	A10	A11	A12
3 inch	$0.44	$1.00	$0.34	$0.32	$0.04	$0.04	$0.22	$0.10	$0.22	$0.10
4 inch	.52	1.22	.40	.36	.04	.04	.24	.10	.22	.20
5 inch	.64	1.50	.48	.36	.04	.04	.28	.12	.24	.28
6 inch	.84	1.82	.52	.50	.08	.08	.36	.14	.26	.36
7 inch	1.24	2.58	.62	.66	.08	.08	.40	.14	.30	.40
8 inch	2.12	3.74	.80	.92	.12	.12	.58	.18	.36	.56
10 inch	3.44	5.44	1.06	1.12	.18	.18	.74	.24	.40	.62
12 inch	4.74	8.16	1.66	1.28	.24	.24	.86	.26	.44	.68

Single Action Spring Butt Hinges

Size of hinge	A5	A6	A7	A8	A9	A10	A11	A12	A14	A16
3 inch	$0.34	$0.32	$0.04	$0.04	$0.22	$0.10	$0.22	$0.10	$0.44	$0.60
4 inch	.40	.36	.04	.04	.24	.10	.22	.20	.52	.74
5 inch	.48	.36	.04	.04	.28	.12	.24	.28	.64	.90
6 inch	.52	.50	.08	.08	.36	.14	.26	.36	.84	1.10
7 inch	.62	.66	.08	.08	.40	.14	.30	.40	1.24	1.54
8 inch	.80	.92	.12	.12	.58	.18	.36	.56	2.12	2.24
10 inch	1.06	1.12	.18	.18	.74	.24	.40	.62	3.44	3.26
12 inch	1.66	1.28	.24	.24	.86	.26	.44	.68	4.74	4.90

Ever Ready Double Action Spring Hinges

Size of hinge	A5	A6	A7	A8	A9	A10	A11	A12	R18	R19	R20
3 inch	$0.34	$0.32	$0.04	$0.04	$0.22	$0.10	$0.22	$0.10	$0.44	$1.00	$0.44
4 inch	.40	.36	.04	.04	.24	.10	.22	.20	.52	1.22	.52
5 inch	.48	.36	.04	.04	.28	.12	.24	.28	.64	1.50	.64
6 inch	.52	.50	.08	.08	.36	.14	.26	.36	.84	1.82	.84
7 inch	.62	.66	.08	.08	.40	.14	.30	.40	1.24	2.58	1.24
8 inch	.80	.92	.12	.12	.58	.18	.36	.56	2.12	3.74	2.12

Ever Ready Single Action Spring Hinges

Size of hinge	A5	A6	A7	A8	A9	A10	A11	A12	R21	R22
3 inch	$0.34	$0.32	$0.04	$0.04	$0.22	$0.10	$0.22	$0.10	$0.44	$0.60
4 inch	.40	.36	.04	.04	.24	.10	.22	.20	.52	.74
5 inch	.48	.36	.04	.04	.28	.12	.24	.28	.64	.90
6 inch	.52	.50	.08	.08	.36	.14	.26	.36	.84	1.10
7 inch	.62	.66	.08	.08	.40	.14	.30	.40	1.24	1.54
8 inch	.80	.92	.12	.12	.58	.18	.36	.56	2.12	2.24

Vertical Spring Pivots, release type

Size of pivot	B1 B8 B31	B2 B3	B4 B10	B5	B6 B7 B9	B11	B12 B32 B20	B17 B21	B18 B34	B28 B29 B30	B26 B33 B35
No. 20	$0.60	$0.56	$0.12	$0.72	$0.72	$1.62	$0.72	$0.46	$0.90	$0.04	$0.12
No. 22	.90	.80	.18	1.00	1.00	2.60	1.00	.68	1.20	.08	.18
No. 24	1.36	1.22	.26	1.58	1.58	3.92	1.58	1.00	1.84	.12	.26

Vertical Spring Pivots, non-release type

Size of pivot	B13	B14	B15	B16	B17	B18	B19	B20	B21	B23 B29	B24 B25
No. 10	$0.68	$0.80	$0.56	$1.50	$0.44	$0.86	$0.68	$0.68	$0.44	$0.04	$0.72
No. 12	1.00	1.08	.86	2.38	.64	1.16	1.00	1.00	.66	.08	1.00
No. 14	1.98	2.06	1.72	4.72	1.30	2.34	1.98	1.98	1.30	.12	2.00

Floor Mortise Spring Pivots

Size of pivot	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
No. 2	$0.72	$0.56	$0.78	$0.46	$0.46	$0.78	$0.46	$2.40	$0.18	$0.54	$1.46	$0.72	$0.70	$0.92
No. 4	.84	.78	.92	.70	.70	.92	.46	3.10	.18	.74	1.84	.84	.84	1.20
No. 6	1.16	1.16	1.38	.92	.92	1.38	.70	3.56	.22	1.16	2.54	1.16	1.22	1.72
No. 8	1.66	1.66	1.94	1.62	1.62	2.94	.70	8.24	.22	1.66	5.08	1.66	1.76	2.30

For exposed parts japanned, no extra charge; for exposed parts plated on steel, add 25%; for exposed parts in solid bronze or brass metal, triple above prices; for exposed parts plated on solid brass, add 10% to price of solid brass. 25 cents net is the minimum charge. Mail or express charges are additional. Goods returned for repairs or for refinishing will have prompt attention; actual time, material and parts needed will be charged. All parts showing defects in material or workmanship will be replaced free of charge if promptly returned.

Registered Telegraph and Cable Address "Bommer, Brooklyn"

Bommer Spring Hinges

Private Telegraph Code

Standard Finishes

Liebers, ABC (fifth edition) and Bentley's codes also used in connection.

When ordering, state the quantity desired, but do not say pairs, or sets, as that is understood.

If a special finish to match other hardware is required, find the "code word suffix" for such finish in the comparison table on page 33, and add same to the proper code word in Planished Steel or Solid Bronze respectively.

EXAMPLES:—One pair 6-inch double action Planished Steel Japanned No. 36—***abant.***
One pair 6-inch single action Planished Steel Antique Copper Finish No. 309—***adoni.***
One door spring 11-inch, No. 2410, extra heavy, Japanned—***rabel.***
One pair screen door hinges, detachable, wrought steel Japanned No. 960—***yambo.***

For brass plated or solid brass instead of bronze, add suffix letter "y" to the code word for bronze, thus:
One pair 6-inch double action bronze plated on steel No. 486—***acant.*** Brass plated—***acanty.***
One pair 6-inch double action solid bronze No. 136—***cabid.*** Solid brass—***cabidy.***

PLANISHED STEEL					SOLID BRONZE			
Japanned dead black	Bronze plated	Antique copper plated	Dull Brass plated	Nickel plated	Highly polished	Antique copper finish	Dull Brass finish	Nickel plated
CODE WORDS FOR DOUBLE ACTION (page 5). FOR EVER READY (page 9) add suffix "er" to proper code word								
29 ababa	**479** acaci	**329** adagi	**629** agall	**879** amado	**129** cabac	**429** cebad	**729** chaca	**829** cobil
30 abaco	**480** acali	**330** adala	**630** agapa	**880** amar	**130** cabal	**430** cebon	**730** chach	**830** cobra
33 abade	**483** acana	**333** adali	**633** agata	**883** amasa	**133** caber	**433** cebra	**733** chacr	**833** cocar
36 abant	**486** acant	**336** adama	**636** agear	**886** ambar	**136** cabid	**436** cecha	**736** chafa	**836** cocha
39 abarc	**489** acara	**339** adarc	**639** ageno	**889** ambig	**139** cabra	**439** cedaz	**739** chala	**839** cocle
42 abast	**492** acebo	**342** adarg	**642** agest	**892** amble	**142** cabuy	**442** cedro	**742** chanz	**842** codal
45 abedu	**495** acech	**345** adarv	**645** agiac	**895** amebe	**145** cacer	**445** cefal	**745** chapi	**845** codon
48 abeto	**498** acelg	**348** adelf	**648** agnad	**898** amelg	**148** cacle	**448** ceiba	**748** charc	**848** coeve
38 abism	**488** acepa	**338** adeno	**638** agola	**888** amelo	**138** cadet	**438** cenda	**738** charr	**838** coña
CODE WORDS FOR SINGLE ACTION (page 7). FOR EVER READY (page 11) add suffix "er" to proper code word								
0 abita	**450** acera	**300** aderr	**600** agote	**850** ameno	**100** cadmi	**400** cenit	**700** chasc	**800** cofre
1 ablan	**451** acerb	**301** adnat	**601** agraz	**851** amios	**101** cadoc	**401** cepit	**701** chata	**801** cohol
5 abono	**455** acial	**305** adobe	**605** agret	**855** amigo	**105** cafil	**405** cepon	**705** chern	**805** colme
9 aboca	**459** aciba	**309** adoni	**609** agria	**859** amito	**109** cahiz	**409** cerch	**709** chiar	**809** cojin
13 aboya	**463** acidi	**313** adora	**613** agrio	**863** amola	**113** caido	**413** cerci	**713** chiba	**813** colar
17 abraz	**467** acoda	**317** aduar	**617** agrur	**867** amomo	**117** caiqu	**417** cerda	**717** chibi	**817** coleo
21 abreg	**471** acodo	**321** adufe	**621** aguad	**871** amore	**121** calad	**421** ceroy	**721** chibo	**821** colla
25 abroj	**475** acore	**325** adula	**625** aguag	**875** amplo	**125** calam	**425** cerva	**725** chifl	**825** colmo
7 abura	**457** acuos	**307** adust	**607** aguar	**857** amura	**107** calde	**407** cetis	**707** chisp	**807** colon
VERTICAL SPRING PIVOTS								
10 habon	**460** hegir	**310** hiant	**610** hila	**860** hopal	**110** macac	**410** meaja	**710** micho	**810** moble
12 hacho	**462** helic	**312** hiato	**612** hilad	**862** hopeo	**112** macan	**412** meauc	**712** micer	**812** mocho
14 halag	**464** hemin	**314** hidra	**614** hilar	**864** hoque	**114** macer	**414** meder	**714** mielg	**814** modal
20 halco	**470** henil	**320** hielo	**620** hilaz	**870** horca	**120** macho	**420** medul	**720** mient	**820** moeda
22 halda	**472** herej	**322** hiena	**622** hiler	**872** horma	**122** macla	**422** meles	**722** miera	**822** mofar
24 haloz	**474** heren	**324** higat	**624** hilva	**874** horno	**124** made	**424** menin	**724** mijer	**824** mogat
HORIZONTAL SPRING PIVOTS								
15 efeta	**465** elami	**315** embat	**615** embud	**865** epico	**115** obelo	**415** oblon	**715** ocrot	**815** oenas
16 efica	**466** elato	**316** ember	**616** emelg	**866** epoca	**116** obice	**416** obolo	**716** octav	**816** oeste
18 efigi	**468** elegi	**318** emboj	**618** emina	**868** epoto	**118** obisp	**418** obrit	**718** oculi	**818** oidor
19 efuso	**469** eleto	**319** emboz	**619** empin	**869** epulo	**119** oblea	**419** obses	**719** ocurs	**819** ojala
FLOOR MORTISE SPRING PIVOTS								
2 danta	**452** degan	**302** dombo	**602** dotal	**852** drago	**102** galan	**402** gemel	**702** gibar	**802** giraf
4 dardo	**454** dehes	**304** doria	**604** dozav	**854** drama	**104** galap	**404** genia	**704** gicam	**804** girar
6 datil	**456** delfi	**306** dosel	**606** draba	**856** driad	**106** galeo	**406** genti	**706** gigot	**806** giron
8 dauco	**458** dervi	**308** dotad	**608** dracm	**858** drino	**108** galgo	**408** gerga	**708** ginet	**808** gisma
DOOR SPRINGS								
2400 raban	**2401** ramar	**2402** rapta	**2403** recel	**2404** refez	**2405** ribes	**2407** roano	**2408** rogar	**2409** ruano
2400½ rabaz	**2401½** ramad	**2402½** rapos	**2403½** recha	**2404½** refin	**2405½** ricaz	**2407½** robal	**2408½** roido	**2409½** rubin
2410 rabel	**2411** ramal	**2412** raque	**2413** reclo	**2414** regar	**2415** riego	**2417** robda	**2418** rojez	**2419** rubio
2420 raber	**2421** ramon	**2422** rasar	**2423** recle	**2424** regio	**2425** rifar	**2427** robin	**2428** rolla	**2429** rubor
2430 rabud	**2431** rampa	**2432** rasco	**2433** recre	**2434** regir	**2435** rifeo	**2437** roble	**2438** ronce	**2439** rueca
2500 raclo	**2501** randa	**2502** rasel	**2503** recua	**2504** regla	**2505** rigor	**2507** robra	**2508** ropon	**2509** rumbo
2510 rader	**2511** rango	**2512** raspa	**2513** redil	**2514** rejon	**2515** rimar	**2517** roclo	**2518** rorro	**2519** rupia
2520 radio	**2521** raniz	**2522** rateo	**2523** redro	**2524** relex	**2525** rinon	**2527** rodeo	**2528** rosal	**2529** rusco
DOOR HOLDERS								
1600 ibiso	**1601** ibice	**1602** icaco	**1603** ideal	**1604** igneo	**1610** idilo	**1611** ijada	**1612** iluso	**1613** impia
SCREEN DOOR HINGES								
900 yacte	**901** yacer	**902** yedra	**903** yerto	**904** yugro				
920 yacul	**921** yagre	**922** yegua	**923** yervo	**924** yuqal				
960 yambo	**961** yarbo	**962** yelmo	**963** yesca	**964** yugur				
999 yarav	**997** yanta	**996** yente	**995** yesgo	**994** yungi				
2000 yermo	**2001** yarda	**2002** yerba	**2003** yeson	**2004** yusar				
2100 yesal	**2101** yarey	**2102** yerno	**2103** yogar	**2104** yusio				
2200 yeser	**2201** yedgo	**2202** yerro	**2203** yunto	**2204** yusor				
SCREEN DOOR SETS								
1900 yugad	**1901** yaroc	**1902** yeloe	**1903** yeron	**1904** yerum				
1960 yunqu	**1961** yecor	**1962** yemao	**1963** yoler	**1964** yerre				
DOOR PULLS								
6000 inbab	**6001** india	**6002** indol	**6003** ingle	**6004** inico				

Cement Floor Boxes for Pivots	Latches Door Bolts Handles Coat Hooks	Screw Bolts	Nuts Screws Washers
No. 2 sobeo	**5000** sabia	**5100** sibil	**5115** silva
" 4 sobon	**5004** sable	**5101** siclo	**5116** silbo
" 6 sobra	**5005** sabor	**5103** sidra	**5117** siler
" 8 socio	**5006** saeta	**5104** siega	**5118** simia
" 27 solar	**5009** safra	**5107** sifon	**5119** sinod
" 28 solaz	**5010** sagaz	**5108** siglo	
Checking Bumper	**5015** sagma	**Expansions**	**5120** siren
1021 salton	**5020** sagui	**5110** signo	**5122** sirga
	5030 saica		

Lavatory Hinges		Strikes	Stall Standards	Stall Fittings	
1000 tablar	**01011** tapar	**1050** tedia	**1100** tibir	**1130** tocon	**1143** toril
01000 tablo	**1012** tapia	**1051** tegua	**1101** tifon	**1131** toiso	**1144** torpo
1001 tacar	**01012** tapiz	**1052** tejar	**1102** tilar	**1132** tolda	**1145** torra
1002 tacon	**1015** tapon	**1054** tejon	**1103** tilda	**1133** tolla	**1146** torti
01002 tahur	**1016** taqui	**1055** telli	**1104** tildo	**1134** tomin	**1147** torto
1003 tajon	**01016** tarda	**1056** telon	**1105** timba	**1135** tomon	**1148** torza
1004 talar	**1017** tardo	**1057** temer	**1110** timon	**1136** tonar	**1149** torzo
01004 talmu	**1019** targu	**1059** tenaz	**1111** tinao	**1137** tonel	**1150** toser
1005 talon	**1020** tarin	**1060** tenco	**1112** tiqui	**1138** topar	**1151** tosta
1007 tamal	**01021** tarja	**1062** tenda	**1113** tirar	**1139** toral	**1152** tosto
1008 tambo	**1025** tasca	**1070** tendo	**1114** tiron	**1140** torax	**1153** touca
1010 tamiz	**1026** tatas	**1071** tenor	**1115** tizna	**1141** torea	**1154** tozal
1011 tangir	**1027** tazon	**1072** terma	**1116** tizon	**1142** tores	**1155** tozar

When using Code to order Lavatory Trim

Designate thickness of marble by adding suffix-vowel to code word and thickness of door by adding suffix-consonant to code word as follows:

Suffix-vowels for marble, 1-inch **a**; 1¼-inch **e**; 1½-inch **i**; 1¾-inch **o**; 2-inch **u**.

Suffix-consonants for door, ⅞-inch **m**; 1-inch **n**; 1¼-inch **r**; 1½-inch **s**; 1¾-inch **t**.

EXAMPLES:—One pair No. 1000 hinges for 1½-inch marble, ⅞-inch door = **tablarim.**
One only, No. 1056 strike for 1¾-inch marble = **telono.**

USEFUL SENTENCES

Send at once by parcel post	zabid	Your order has already been shipped	zaque
Ship at once by express	zafar	We can ship from stock immediately	zarco
Ship at once by fast freight	zagal	We can ship in about three days	zarin
Ship by first steamer	zaida	We can ship in about one week	zarpa
Answer by telegraph how soon can you ship	zambo	We can ship in about two weeks	zarri
Ship what you have immediately, and hurry balance	zandi	We can ship part immediately, balance in three days	zarza
Start tracer immediately after your shipment of	zanjo	We can ship part immediately, balance in one week	zatar
Add to our order the following items	zapot	We can ship part immediately, balance in two weeks	zatic
Answer by telegraph price of	zapuz	We will try to ship sooner, but cannot promise	zayar

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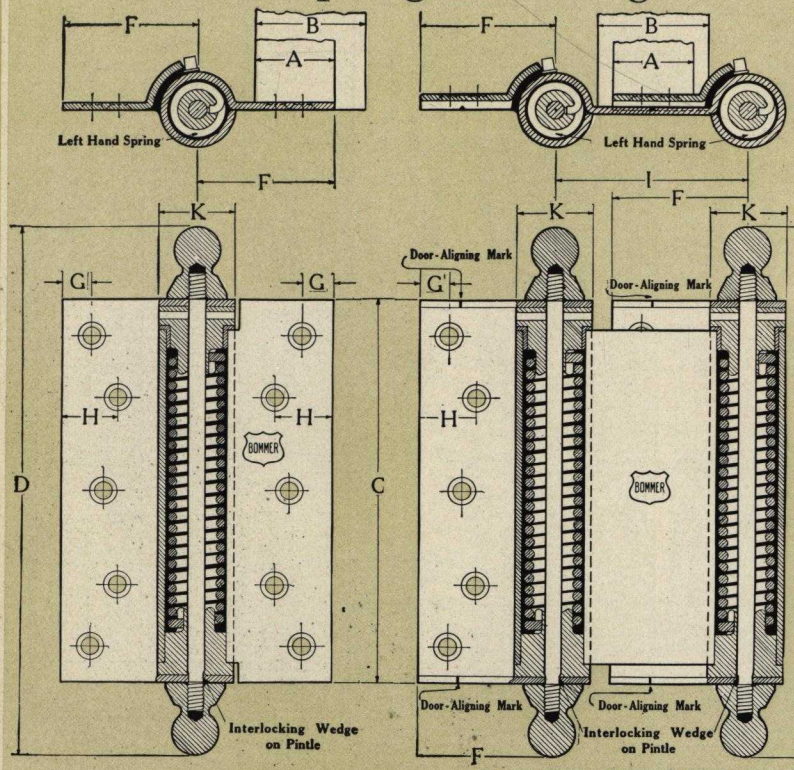
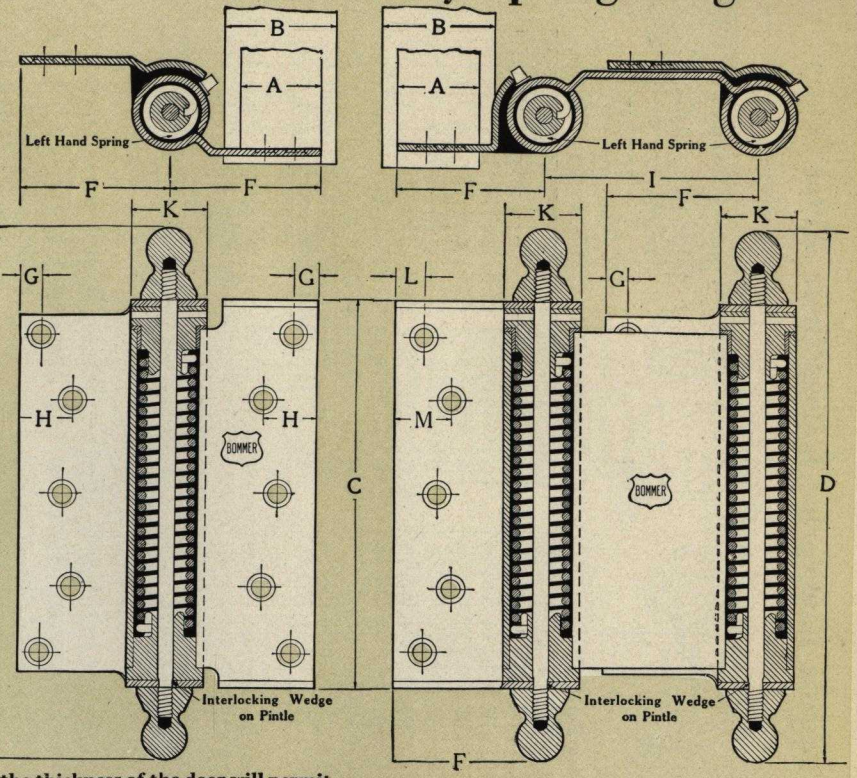
Bommer Spring Butt Hinges



Bommer Ever Ready Spring Hinges



Always use the largest size hinge which the thickness of the door will permit.

DIMENSIONS OF SINGLE ACTION									QUANTITY AND SIZE OF WOOD SCREWS	DIMENSIONS OF DOUBLE ACTION									
SIZE OF HINGE	A	B	C	D	F	G	H	K		SIZE OF HINGE	A	B	C	D	F	G	H	I	K
3"	3/4"	1"	3"	4 3/8"	1 5/16"	9/32"	1/2"	29/32"	EIGHT No. 7×1"	3"	3/4"	1"	3"	4 3/8"	1 11/32"	9/32"	1/2"	2"	29/32"
4"	7/8"	1 1/4"	4"	5 9/16"	1 1/2"	5/16"	5/8"	15/16"	EIGHT No 8×1"	4"	7/8"	1 1/4"	4"	5 9/16"	1 5/8"	5/16"	5/8"	2 11/16"	15/16"
5"	1 1/8"	1 1/2"	5"	6 3/16"	1 3/4"	11/32"	27/32"	1 1/16"	TEN No. 8×1 1/4"	5"	1 1/8"	1 1/2"	5"	6 3/16"	1 29/32"	11/32"	27/32"	2 23/32"	1 1/16"
6"	1 1/4"	1 3/4"	6"	8 1/16"	1 7/8"	13/32"	15/16"	1 5/32"	TEN No. 10×1 1/4"	6"	1 1/4"	1 3/4"	6"	8 1/16"	2 3/32"	13/32"	15/16"	2 31/32"	1 5/32"
7"	1 3/16"	2"	7"	9 5/16"	2 1/4"	13/32"	1 1/32"	1 9/32"	TEN No. 12×1 1/4"	7"	1 3/8"	2"	7"	9 5/16"	2 3/8"	13/32"	1 1/32"	3 11/16"	1 9/32"
8"	1 1/2"	2 1/4"	8"	10 5/8"	2 1/2"	13/32"	1 5/32"	1 7/16"	TEN No 12×1 1/2"	8"	1 1/2"	2 1/4"	8"	10 5/8"	2 27/32"	13/32"	1 5/32"	3 29/32"	1 7/16"
10"	1 3/4"	2 1/2"	10"	12 15/16"	2 3/4"	9/16"	1 7/16"	1 1/2"	FOURTEEN No. 14×1 1/2"	10"	1 3/4"	2 1/2"	10"	12 15/16"	2 3/4"	9/16"	1 7/16"	4"	1 1/2"
12"	2 1/4"	3"	12"	15 1/4"	3 3/8"	15/32"	1 21/32"	1 3/4"	FOURTEEN No. 14×1 3/4"	12"	2 1/4"	3"	12"	15 1/4"	3 3/8"	15/32"	1 21/32"	4 11/16"	1 3/4"

DIMENSIONS OF SINGLE ACTION									QUANTITY AND SIZE OF WOOD SCREWS	DIMENSIONS OF DOUBLE ACTION											
SIZE OF HINGE	A	B	C	D	F	G	H	K		SIZE OF HINGE	A	B	C	D	F	G	H	I	K	L	M
3"	3/4"	1"	3"	4 3/8"	1 1/2"	11/32"	15/32"	29/32"	SIX No. 8×1"	3"	3/4"	1"	3"	4 3/8"	1 1/2"	11/32"	15/32"	2 1/2"	29/32"	11/32"	15/32"
4"	7/8"	1 1/4"	4"	5 9/16"	1 23/32"	5/16"	9/16"	15/16"	EIGHT No. 8×1"	4"	7/8"	1 1/4"	4"	5 9/16"	1 11/16"	5/16"	9/16"	2 9/16"	15/16"	5/16"	9/16"
5"	1 1/8"	1 1/2"	5"	6 3/16"	2 1/32"	5/16"	23/32"	1 1/16"	TEN No. 8×1 1/4"	5"	1 1/8"	1 1/2"	5"	6 3/16"	2 1/8"	5/16"	23/32"	2 7/8"	1 1/16"	5/16"	23/32"
6"	1 1/4"	1 3/4"	6"	8 1/16"	2 11/32"	3/8"	13/16"	1 5/32"	TEN No. 10×1 1/4"	6"	1 1/4"	1 3/4"	6"	8 1/16"	2 5/16"	3/8"	13/16"	3 5/16"	1 5/32"	3/8"	13/16"
7"	1 3/8"	2"	7"	9 5/16"	2 9/16"	13/32"	15/16"	1 9/32"	TEN No. 12×1 1/4"	7"	1 3/8"	2"	7"	9 5/16"	2 9/16"	13/32"	15/16"	3 3/4"	1 9/32"	13/32"	15/16"
8"	1 1/2"	2 1/4"	8"	10 5/8"	2 27/32"	13/32"	1 1/16"	1 7/16"	TEN No. 12×1 1/2"	8"	1 1/2"	2 1/4"	8"	10 5/8"	2 7/8"	13/32"	1 1/16"	4 3/16"	1 7/16"	13/32"	1 1/16"

When hinges larger than the above are required, use Bommer Spring Butt Hinges with a hanging strip.

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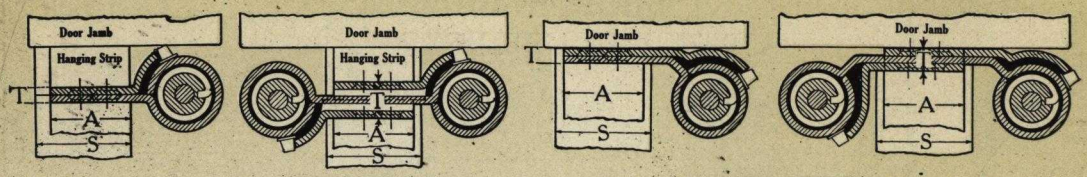
Schedule of Spring Hinges for Kalamein or Metal Doors



Bommer Spring Butt Hinges

SINGLE ACTION				WIDTH OF DOOR	WEIGHT OF DOOR	SIZE OF MACHINE SCREWS	DOUBLE ACTION		
SIZE OF HINGE	A	S	T				A	S	T
3"	3/4"	7/8"	11/64"	2'2"	30 lbs.	8-32×1/2"	3/4"	7/8"	7/16"
4"	7/8"	1 1/8"	11/64"	2'4"	42 "	8-32×1/2"	7/8"	1 1/8"	7/16"
5"	1 1/8"	1 3/8"	3/16"	2'6"	56 "	8-32×1/2"	1 1/8"	1 3/8"	7/16"
6"	1 1/4"	1 1/2"	7/32"	2'8"	72 "	10-32×1/2"	1 1/4"	1 1/2"	9/16"
7"	1 3/8"	1 3/4"	15/64"	2'9"	90 "	12-24×1/2"	1 3/8"	1 3/4"	9/16"
8"	1 1/2"	2"	17/64"	2'10"	110 "	12-24×1/2"	1 1/2"	2"	3/4"
10"	1 3/4"	2 1/8"	1/2"	3'0"	150 "	14-24×3/4"	1 3/4"	2 1/8"	3/4"
12"	2 1/4"	2 5/8"	17/32"	3'2"	190 "	14-24×3/4"	2 1/4"	2 5/8"	3/4"

Bommer Ever Ready Spring Hinges

SINGLE ACTION				WIDTH OF DOOR	WEIGHT OF DOOR	SIZE OF MACHINE SCREWS	DOUBLE ACTION		
SIZE OF HINGE	A	S	T				A	S	T
3"	3/4"	7/8"	11/64"	2'2"	30 lbs.	8-32×1/2"	3/4"	7/8"	15/16"
4"	7/8"	1 1/8"	11/64"	2'4"	42 "	8-32×1/2"	7/8"	1 1/8"	1/4"
5"	1 1/8"	1 3/8"	3/16"	2'6"	56 "	8-32×1/2"	1 1/8"	1 3/8"	9/32"
6"	1 1/4"	1 1/2"	7/32"	2'8"	72 "	10-32×1/2"	1 1/4"	1 1/2"	5/16"
7"	1 3/8"	1 3/4"	15/64"	2'9"	90 "	12-24×1/2"	1 3/8"	1 3/4"	3/8"
8"	1 1/2"	2"	17/64"	2'10"	110 "	12-24×1/2"	1 1/2"	2"	13/32"

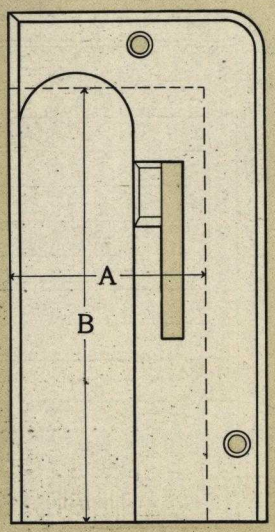
When hinges larger than the above are required, use Bommer Spring Butt Hinges with a hanging strip

For doors wider or heavier than the above or exposed to strong drafts use three hinges. Place the upper and lower hinges as near as possible to the top and bottom of the door and the hinge between the two, one-third from the top.

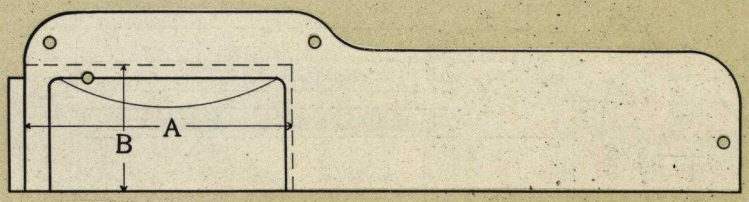
When ordering state if machine screws are wanted for one or both flanges.

Always use the largest size hinge which the thickness of the door will permit.

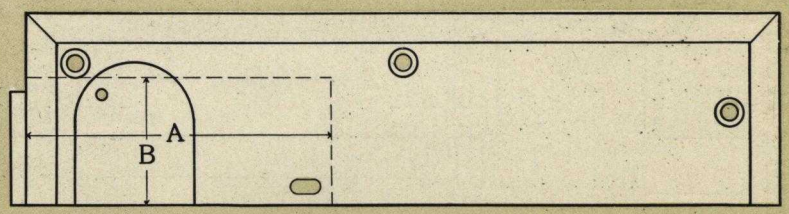
Directions for Cutting Out Kick-Plates When Used in Connection with Vertical and Horizontal Spring-Pivots



Vertical Type, Styles No. 10 and No. 20



Horizontal Type, Styles No. 15 and No. 16



Horizontal Type, Styles No. 18 and No. 19

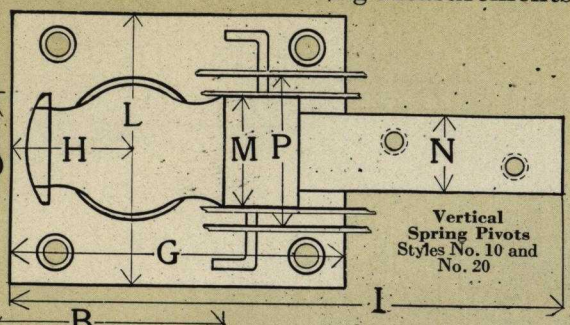
Fasten spring-pivot to door. When kick-plates are used in conjunction with spring-pivots proceed as follows, viz.: cut out section of kick-plates to correspond with dimensions given below. Correctly locate side-plates on kick-plates, drilling holes through kick-plates to correspond to the screw-holes of side-plates, using 3/16" drill.

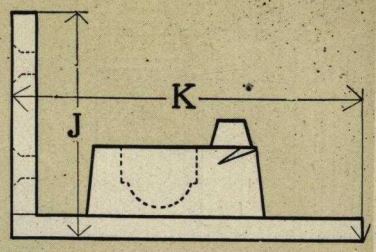
Dimension	No. 15	No. 16	No. 18	No. 19	No. 20	No. 22	No. 24	No. 10	No. 12	No. 14
A	3 3/4	5 1/8	3 3/4	5 1/4	2 1/2	3	3 3/4	1 3/4	2 1/4	2 3/4
B	1 1/2	2	1 1/2	2	5	5 3/8	6 7/8	5 1/8	5 1/8	6 7/8

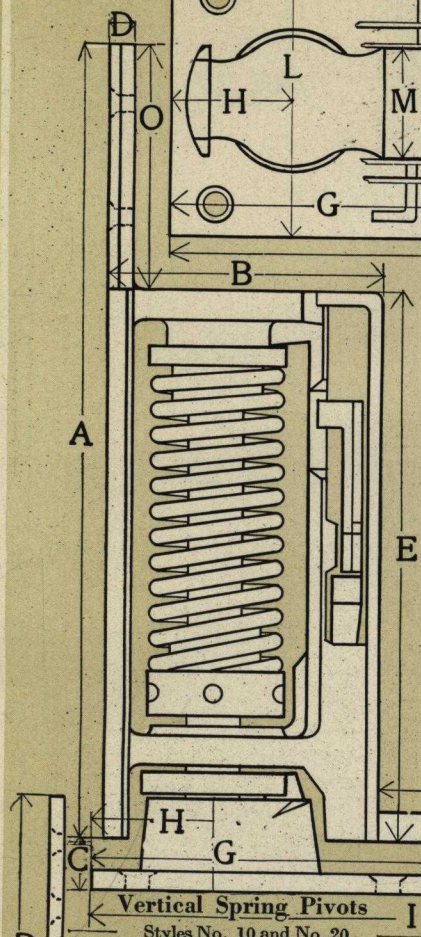
Bommer Spring Pivots

Vertical and Horizontal Types

Working Measurements







Spring Pivots

Vertical release type. Style 20, page 8

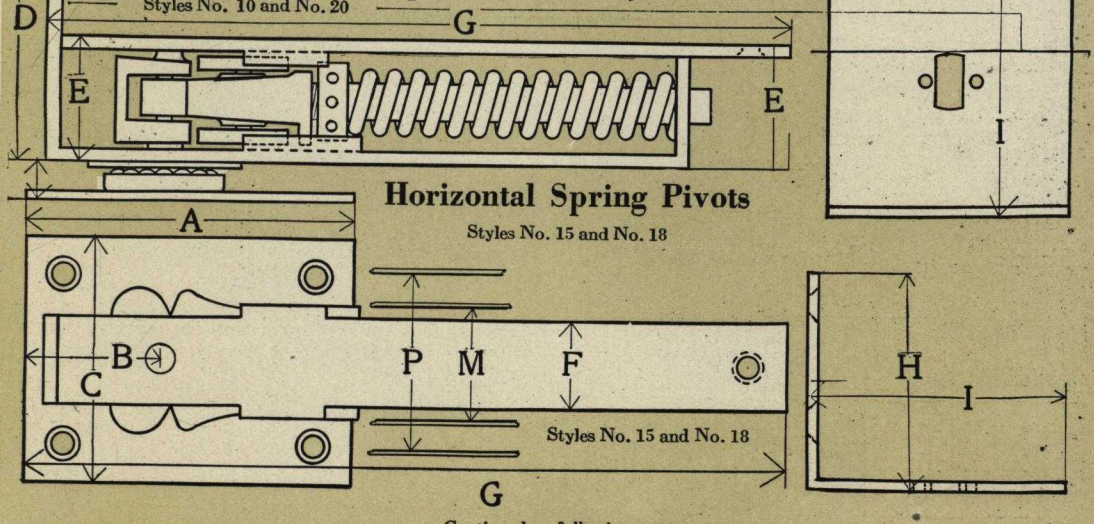
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R
7⅞″	2¾″	½″	5/16″	5½″	5/16″	3¼″	1¼″	5 3/16″	2¼″	3½″	2 11/16″	1⅛″	¾″	2½″	1½″	2⅝″
8″	3″	½″	7/16″	5½″	⅜″	3⅝″	1½″	6¼″	2½″	4″	3 1/16″	1½″	1″	2 9/16″	2″	3⅛″
10⅛″	4⅛″	½″	⅝″	7⅛″	7/16″	4⅝″	2 9/16″	7⅞″	3″	4¾″	3¾″	1¾″	1⅜″	3″	2¾″	3¾″

Vertical non-release type. Style 10, page 9

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R
7⅞″	2 5/16″	½″	5/16″	5⅞″	5/16″	3¼″	1¼″	5 3/16″	2¼″	3½″	2 11/16″	1⅛″	¾″	2½″	1½″	2¾″
8″	2 15/16″	½″	7/16″	5½″	5/16″	3⅝″	1½″	6¼″	2½″	4″	3 1/16″	1½″	1 1/16″	2 9/16″	2″	3¼″
10⅛″	3¼″	½″	⅝″	7⅛″	⅜″	4⅝″	2″	7⅞″	3″	4¾″	3¾″	1¾″	1⅜″	3 1/16″	2¾″	4⅛″

Horizontal release type, Style 18, page 10, and non-release, Style 15, page 11

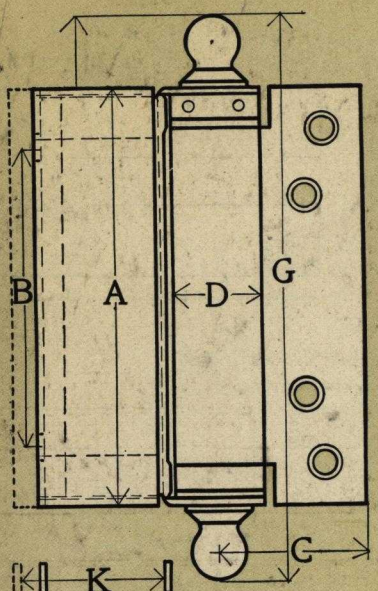
For Doors	A	B	C	D	E	F	G	H	I	M	P	Series
1⅛ to 1¾ inches	3½″	1½″	2¾″	3¾″	1 7/16″	1″	8¾″	2⅛″	3⅝″	1⅛″	1¾″	18
2 to 2½ inches	5 1/16″	2¼″	4″	4⅞″	2 9/16″	1¼″	12⅝″	2 9/16″	5⅛″	2″	2½″	19

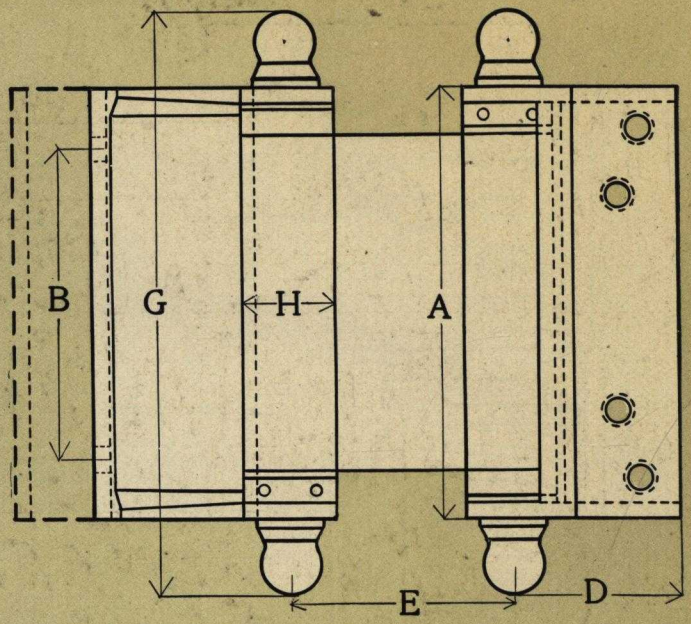


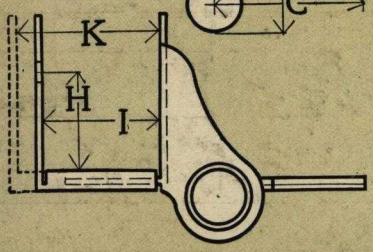
Continued on following page

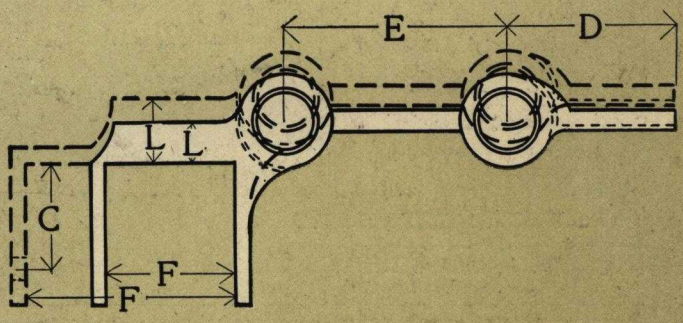
Bommer Clamp-Flanged Spring Hinges

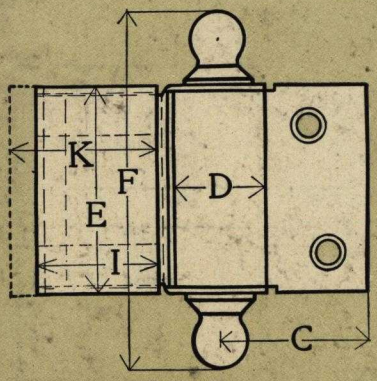
Single Action **Working Measurements** **Double Action**











Single Action Clamp-Flanged Spring Hinges

Thickness of Marble	A	B	C	D	E	F	G	H	I	K
1″	4″	2⅞″	1½″	⅞″	2″	3½″	5½″	1″	⅞″	1⅛″
1¼″	4″	2⅞″	1½″	⅞″	2″	3½″	5½″	1″	⅞″	1⅛″
1½″	4″	2⅞″	1½″	⅞″	2″	3½″	5½″	1″	⅞″	1⅛″
1¾″	4″	2⅞″	1½″	⅞″	2″	3½″	5½″	1″	⅞″	1⅛″
2″	4″	2⅞″	1½″	⅞″	2″	3½″	5½″	1″	⅞″	2⅛″

Double Action Clamp-Flanged Spring Hinges

Thickness of Marble	A	B	C	D	E	F	G	H	L
1″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1″	5¾″	7/16″	5/16″
1⅛″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1⅛″	5¾″	7/16″	⅜″
1¼″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1¼″	5¾″	7/16″	7/16″
1⅜″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1⅜″	5¾″	7/16″	⅜″
1½″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1½″	5¾″	7/16″	⅜″
1⅝″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1⅝″	5¾″	7/16″	⅜″
1¾″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1¾″	5¾″	7/16″	⅜″
1⅞″	4⅛″	2⅞″	1″	1⅛″	2⅛″	1⅞″	5¾″	7/16″	⅜″
2″	4⅛″	2⅞″	1″	1⅛″	2⅛″	2″	5¾″	⅜″	⅜″

BOMMER
SPRING
HINGES
ARE THE BEST